

Curriculum Vitae
Max Butterfield
mbutter@pointloma.edu
619.849.2405

Education

Ph.D. in Experimental Psychology, 2013
Texas Christian University
Concentrations: quantitative psychology, social psychology

M.S. in Experimental Psychology, 2011
Texas Christian University

M.S. in Clinical Psychology, 2009
Eastern Michigan University

B.A. in Psychology, 2003
Calvin College

Teaching Experience

Assistant Professor of Psychology
Point Loma Nazarene University
August 2013 – present

Adjunct Faculty
Texas Christian University
August 2012 – December 2012

Adjunct Lecturer
Eastern Michigan University
June 2008 – June 2009

Teaching Assistant
Texas Christian University
January 2010 – May 2013

Teaching Assistant
Eastern Michigan University
August 2007 – April 2009

Research Experience

Research and Statistics Consultant
Rochester Center for Behavioral Medicine
June 2011 - present

Graduate Assistant
Texas Christian University
August 2009 – May 2013

Graduate Assistant
Eastern Michigan University
August 2007 – April 2009

Clinical Experience

Graduate Student Therapist
Eastern Michigan University
Counseling and Psychological Services
August 2008 – May 2009

Youth Treatment Specialist
Wedgwood Christian Services
Grand Rapids, MI
January 2003 – May 2005

Grants and Awards

Fellow, 2012 APA-USNC International Mentoring Program
30th International Psychology Congress
Cape Town, South Africa (\$1900)

Fellow, 2011 Summer Institute in Social Psychology
Princeton University

TCU Dean's Travel Grant, Spring 2012 (\$1,100)
TCU International Travel Grant, Summer 2012 (\$800)
TCU Graduate Student Travel Grant, Fall 2011 (\$400)
TCU Graduate Student Travel Grant, Fall 2010 (\$400)
TCU Graduate Student Senate Travel Grant, Fall 2010 (\$500)

Best Poster, Session II
2009 Annual Midwinter Meeting of the Society for Personality Assessment
Chicago, IL

Graduate Assistantship Tuition Scholarship 2007 – 2009
Eastern Michigan University

The Dean's Award for Academic Achievement, 2003
Calvin College

The Dean's Scholarship, 2000 - 2003
Calvin College

Michigan Merit Award, 2000
The State of Michigan

Memberships

Association for Psychological Science
Psi Chi
Society for Personality and Social Psychology
Western Psychological Association

Publications

Stativa, E., Rus, A. V., Suciu, N., Pennings, J., **Butterfield, M. E.**, Wenyika, R., Webster, R. (in press). Characteristics and prenatal care utilisation of Romanian pregnant women. *European Journal of Contraception and Reproductive Health Care*.

Hill, S. E. Delpriore, D. J., Rodeheffer, C. D., & **Butterfield, M. E.** (2014). The effect of ecological harshness on perceptions of the ideal female body size: An experimental life history approach. *Evolution and Human Behavior*, 35(2), 148-154.

Rus, A. V., **Butterfield, M. E.**, Cross, D. R., Purvis, K. B., Parris, S. R., Cliff, S. (2014). Early care experiences and later functioning of Romanian foster children. *Review of Research and Social Intervention [Revista de Cercetare si Interventie Sociala]*, 44, 20-43.

Hill S. E., Rodeheffer, C. D., DelPriore, D. J., & **Butterfield, M. E.** (2013). Ecological contingencies in women's calorie regulation psychology: A life history approach. *Journal of Experimental Social Psychology*, 49, 888-897.

Russell, E. M.,* DelPriore, D. J., **Butterfield, M. E.**, & Hill, S. E. (2013). Friends with benefits, but without the sex: Straight women and gay men exchange trustworthy mating advice. *Evolutionary Psychology*, 11(1), 132-147.

Butterfield, M. E., Hill, S. E., & Lord, C. G. (2012). Mangy mutt or furry friend? Anthropomorphism promotes animal welfare. *Journal of Experimental Social Psychology*, 48, 957-960. doi: 10.1016/j.jesp.2012.02.010

*Undergraduate student

Manuscripts Under Review/Revision/In Prep

Butterfield, M. E., & Hill, S. E. Dangerous dog or dastardly dude? Anthropomorphism, threat, and willingness to approach non-human targets. Manuscript in preparation.

Butterfield, M. E. The ironic consequences of horn tooting: Conceit and cognitive load alter the magnitude of halo effects. Manuscript in preparation.

Drăghici, S., Rus, A. V., & **Butterfield, M. E.** The effects of Rational-Emotive Behavior Therapy on Romanian foster parents' psychological functioning and parenting. Manuscript in preparation.

Conference Presentations

Butterfield, M.E., & Hill, S. E. (2014, April). Dangerous dog or dastardly dude? Anthropomorphism can reduce approach willingness. Paper presented at the 94th annual meeting of the Western Psychological Association, Portland, OR.

Butterfield, M. E., Rus, A. V., Stativa, E., Pennings, J. S., Burcea, G., Wenyika, R., & Rookard, G.* (2014, April). Secrecy and adult legitimization predict bullying in Romanian institutionalized children. Poster presented at the 94th annual meeting of the Western Psychological Association, Portland, OR.

Maloy, J. T.,* Barlow, C. J.,* Rus, A. V., Stativa, E., Pennings, J. S., **Butterfield, M. E.,** Parris, S. R. (2014, April). Sexual abuse and awareness in Romanian placement centers for school-aged children: Effects of child and institutional characteristics. Poster presented at 2014 Southern Nazarene University Undergraduate Research Symposium.

Thomas, C.,* Stilwell, A.,* Stativa, E., Rus, A. V., Stanescu, A., Pennings, J. S., **Butterfield, M. E.,** Parris, S. R. (2014, April). Hemoglobin concentration in Romanian infants: Impact of child nutrition, maternal prenatal and postnatal behaviors. Poster presented 2014 Southern Nazarene University Undergraduate Research Symposium.

Hill, S. E., DelPriore, D. J., Rodeheffer, C. D., & **Butterfield, M. E.** (2013, October). Fat, fertility, and fast strategies: Ecological contingencies in the ideal female body size. Paper presented at the 2013 annual meeting for the Association for Consumer Research, Chicago, Illinois.

Crawford, A.,* Rial, K.,* **Butterfield, M. E.,** Delpriore, D. J., Prokosch, M. L., Hill, S. E. (2013, April). Sex ratio and women's willingness to have sex without a condom: Fewer men prompt greater risks. Poster presented at the 2013 Student Research Symposium, Texas Christian University, Ft. Worth, TX.

- Butterfield, M. E.,** Altgelt, E.,* Hill, S. E. (2013, April). The ironic consequences of horn tooting: Conceit and cognitive load alter the magnitude of halo effects. Poster presented at the 2013 annual meeting of the Southwestern Psychological Association, Ft. Worth, TX.
- Butterfield, M. E., & Hill, S. E.** (2013, January). Anthropomorphism has functionally specific effects. Poster presented at the Evolutionary Preconference of the 2013 Annual Meeting of the Society for Personality and Social Psychology.
- Hill, S. E., Rodeheffer, C. D., Delpriore, D. J., & **Butterfield, M. B.** (2012, October). A life history perspective on women's food regulation behavior: Food, fat, and fertility. Paper presented at the 2012 annual meeting of the Association for Consumer Research, Vancouver, B. C., Canada.
- Butterfield, M. E.** (2012, July). Anthropomorphism for social change. Paper presented at the *30th International Congress of Psychology*, Cape Town, South Africa.
- Hill, S. E., Rodeheffer, C. D., Delpriore, D. J., & **Butterfield, M. E.** (2012, June). A life history perspective on calorie regulation psychology: Food, fat, and fertility suppression. Paper presented at the 2012 annual meeting of the Human Behavior and Evolution Society, Albuquerque, NM.
- Butterfield, M. E.,** Corwin, N.,* & Hill, S. E. (2012, April). Anthropomorphism promotes public health and environmental protection. Poster presented at the 2012 Texas Christian University Student Research Symposium, Ft. Worth, TX.
- Russell, E. M.,* Delpriore, D. J., **Butterfield, M. E.,** Hill, S. E. (2012, April). Friends with benefits but without the sex: Women and gay men offer each other trustworthy mating advice. Poster presented at the 2012 Texas Christian University Student Research Symposium, Ft. Worth, TX.
- Calanchini, J., & **Butterfield, M. E.,** (2012, April). The downstream consequences of anthropomorphism on helping behavior. Paper presented at the 2012 Interdisciplinary Graduate and Professional Student Symposium, Davis, CA.
- Butterfield, M. E.,** Hill, S. E., & Lord, C. G. (2012, January). Mangy mutt or furry friend? Anthropomorphism promotes animal welfare. Poster presented at the 2012 Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA.
- Butterfield, M. E., & Hill, S. E.** (2012, January). Anthropomorphizing for the public good. Poster presented at the Evolutionary Preconference of the 2012 Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA.

Russell, E. M.,* **Butterfield, M. E.**, & Hill, S. E. (2012, January). You look great in that dress! No, really! Gay men offer women trustworthy mating advice. Poster presented at the Evolutionary Preconference of the 2012 Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA.

Hill, S. E., Rodeheffer, C. D., Delpriore, D. J., & **Butterfield, M. E.** (2012, January). Environmental contingencies in women's calorie regulation psychology: A life history perspective. Paper presented at the Evolutionary Preconference of the 2012 Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA.

Butterfield, M. E., Ferris, E.,* Hill, S. E., & Lord C. G. (2011, April). Canine companion or man's best friend? Humanizing language promotes animal welfare. Poster presented at the 2011 Texas Christian University Student Research Symposium, Ft. Worth, TX.

Butterfield, M. E., & Hill, S. E. (2011, January). When a car is just a car: Debt salience decreases the diagnostic value of costly signals. Poster presented at the Evolutionary Preconference of the 2011 Annual Meeting of the Society for Personality and Social Psychology, San Antonio, TX.

Butterfield, M. E., Rodeheffer, C. D., Hill, S. E., & Lord, C. G. (2010, June). Social reconnections and booty calls: Sex-atypical mating strategies resulting from feelings of social exclusion. Poster presented at the 2010 Annual Conference of the Human Behavior and Evolution Society, Eugene, OR.

Rodeheffer, C. D., **Butterfield, M. E.**, Hill, S. E., & Lord, C. G. (2010, June). From beast to beauty: Feeling powerless increases one's desirability ratings of same- and opposite-sex others. Poster presented at the 2010 Annual Conference of the Human Behavior and Evolution Society, Eugene, OR.

Jones, D. P., Lauterbach, D., & **Butterfield, M. E.** (2010, May). Direct and indirect forms of aggression in individuals exposed to traumatic events. Poster presented at the 2010 Annual Convention of the Association for Psychological Science, Boston, MA.

Butterfield, M. E., Rodeheffer, C. D., Ferris, E.,* Ritacco, M.,* & Hill, S. E. (2010, April). The buckle-down effect: The impact of uncertain life expectancy on students' goals. Poster presented at the 2010 Texas Christian University Student Research Symposium, Fort Worth, TX.

Rodeheffer, C. D., **Butterfield, M. E.**, Ethington, L.,* Mastromarino, G.,* & Hill, S. E. (2010, April). Tough economic times call for drastic measures: Examining the relationship between resource scarcity and women's product preferences. Poster presented at the 2010 Texas Christian University Student Research Symposium, Fort Worth, TX.

Cawood, C. R., Nerbonne, J., Wirt, D., **Butterfield, M. E.**, Tolchinsky, A., Toleikis, M., & Huprich, S. K. (2009, March). A comparison of borderline and non-borderline self-injurers. Poster presented at the 2009 Annual Midwinter Meeting of the Society for Personality Assessment, Chicago, IL.

Chen, Y. T., Hsiao, W. C., Nerbonne, J., Cawood, C. D., **Butterfield, M. E.**, & Huprich, S. K. (2009, March). Affect regulation and depressive personality disorder. Poster presented at the 2009 Annual Midwinter Meeting of the Society for Personality Assessment, Chicago, IL.

Butterfield, M. (2003, April). The role of gossip in impression formation. Paper presented at the 2003 Michigan Undergraduate Psychology Research Conference, Albion, MI.

*Undergraduate student

Daniel L. Jenkins

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Lakeside, California 92040
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Voice Mail/Pager: (619) 347-3457
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OBJECTIVES

To serve in an organization where

- interpersonal and organizational integrity is demonstrated.
- a spirit of love bonds colleagues together over time.
- people are valued more than things.
- searching for the truth is embraced.

MEMBERSHIPS

Member, National Register of Health Care Providers in Psychology
Member, California Psychological Association (CPA)
Member, Christian Association for Psychological Studies (CAPS)

EDUCATION

Graduate

9/82 - 8/86

Location

Brigham Young University
Provo, Utah 84602

Degree

Ph.D.
Clinical
Psychology

Undergraduate

9/79 - 5/82

Pacific Christian College
2500 East Nutwood Avenue
Fullerton, California 92631

B.A.
Psychology

9/76 - 8/79

Grossmont Community College
8800 Grossmont College Drive
El Cajon, California 92020

A.A.
General
Education

EMPLOYMENT

08/04 - Present

Location

Point Loma Nazarene University
3900 Lomaland Drive
San Diego, California 92106

Title

Professor
of
Psychology

05/00 - Present

Lighthouse Psychological Services, Inc.
3570 Camino Del Rio North
Suite 102
San Diego, California 92108

Director,
Clinical
Psychologist
PSY10627

02/03 - Present	New Life Ministries Every Man's Battle P.O. Box 1018 Laguna Beach, CA 92652	Sexual Addictions Group Therapist
10/97 - 2004	Bethel Seminary - San Diego 6116 Arosa St. San Diego, California 92115	MFT Adjunct Faculty
09/92 - 05/02	Christian Heritage College 2100 Greenfield Drive El Cajon, California 92019-1157	Associate Professor, Chairman
09/92 - 05/00	New Life Clinic 3570 Camino Del Rio North Suite 102 San Diego, California 92108	Licensed Clinical Psychologist PSY10627
09/86 - 05/98	Curtis C. Rouanzoin, Ph.D. and Associates 2500 East Nutwood Avenue Suite 212 Fullerton, California 92631	Licensed Clinical Psychologist PSY10627
09/85 - 05/98	Pacific Christian College 2500 East Nutwood Avenue Fullerton, California 92631	Associate Professor
08/90 - 05/92	New Life Treatment Center Adult Program Western Medical Center 1025 S. Anaheim Blvd. Anaheim, California 92805	Process Group & Sexual Addictions Group Therapist

DISSERTATION

The Effects of Verbal and Nonverbal Relaxation
Techniques on Psychophysiological Levels of
Arousal. August, 1986.

PRESENTATIONS & WORKSHOPS

Marital Enrichment
Affair-Proof Your Marriage
Sexual Addiction: An Addiction Really?
Developing Healthy Boundaries
Healing for the Broken Hearted
Communication Skills Development
Letting Go of Control
How to Handle Financial Stress
Problems Associated with Anxiety
What To Do When You Are Down In The Dumps
Finding and Giving Forgiveness

PREVIOUS TEACHING EXPERIENCE:

Christian Heritage College

PSY112	Interpersonal Relationships
PSY201	Introduction to Psychology
PSY202	Growth and Development
PSY310	Tests and Measurements
PSY312	Theories of Personality
PSY313	History and Systems of Psychology
PSY322	Group Process
PSY381-382	Directed Research
PSY425	Experimental Psychology
PSY481-482	Directed Research
PSY401	Abnormal Psychology
PSY414	Practicum

Pacific Christian College

PS230	Motivation and Learning
PS231	Developmental Psychology
PS332	Research Design/Social Science Methodology
SS333/MG410	Introductory Statistics
PS430	History and Systems of Psychology
PS433	Psychological Testing
PS431	Social Psychology
CNS5130	Research Methodology
CNS6100	Developmental Care & Human Development
CNS6150	Approaches to the Treatment of Children
CNS6170	Psychological Testing
CNS6801-3	Supervised Practicum

Bethel Seminary - San Diego

MF103	Dynamics of Family Interaction: Sexuality, Spirituality, and Socialization
MF121	Individual Development Within the Family
MF124	Family Challenges Over the Life Cycle
MF144	Professional and Ethical Issues In Marriage & Family Therapy
MF152	Supervised Clinical Experience II

Point Loma Nazarene University

PSY101	Psychology of Personal Development
PSY300	Theories of Personality and Adult Development
PSY321	Abnormal Psychology
PSY341	Group Counseling
PSY345	Group Dynamics
PSY350	Clinical and Research Assessment
PSY390	Research Methods and Design I
PSY391	Research Methods and Design II
PSY400	History and Contemporary Issues in Psychology
PSY470	Practicum Experience
PSY499	Research in Psychology

REFERENCES:

Barbara Burt, Psy.D.
Lighthouse Psychological Services
3570 Camino Del Rio North, Suite 102
San Diego, California 92108

Holly Erwin-Chase, Ph.D.
Chair & Associate Professor
Point Loma Nazarene University
3900 Lomaland Drive
San Diego, California 92106

Kim Schaeffer, Ph.D.
Point Loma Nazarene University
3900 Lomaland Drive
San Diego, California 92106

Keith Olson, Ph.D.
MFT Program Director
Bethel Seminary San Diego
6116 Arosa Street
San Diego, California 92115

Kendra L. Oakes Mueller, Ph.D.

3900 Lomaland Drive, San Diego, CA 92106 ♦ Phone (619) 849-2945 E-mail address:
kmuelle2@pointloma.edu

EDUCATION

- 2000-2006 *Fuller Graduate School of Psychology*
Fuller Theological Seminary
Pasadena, California
M.A. – Psychology, 2002
M.A. – Theology, 2005
Ph.D. – Clinical Psychology, 2006
- 1996-2000 *Point Loma Nazarene University*
San Diego, California
B.A. - Psychology Cum Laude

TEACHING EXPERIENCE

- 2007-current **Point Loma Nazarene University, San Diego, CA**
Associate Professor of Psychology
- Psychology of Personal Development (PSY 101)
 - Physiological and Neuropsychology (PSY 301)
 - Integration of Psychology and Theology (PSY 410)
 - Human Sexuality (PSY 360)
 - Abnormal Psychology (PSY 321)
 - Learning and Cognition (PSY 409)
 - Group Counseling (PSY 341)
- 2006-2007 **Azusa Pacific University, Azusa, CA**
Guest Lectures for Doctoral Level Clinical Trainees
- *Integration of Psychology and Spirituality*
 - *Treatment for Alcohol and Substance Use*
 - *Empirically Supported Treatments for Depression & Anxiety*
- 2005 **University of San Diego, San Diego, CA**
Guest Lecture for Undergraduate Course
- Introduction to Counseling: *Crisis Intervention and Suicide*
- 2003-2007 **Fuller Graduate School of Psychology, Pasadena, CA**
Guest Lecture for Doctoral and Masters Level Courses
- Sexual Diversity: *Working with LGBT University Students in Therapy* (2006, 2007)
 - Divorce and Reconstituted Families: *On Becoming a Stepfamily* (2003, 2006)
 - Diagnostic Nomenclature: *Eating Disorders* (2002)

Teaching Assistant for Doctoral Level Courses

- Neuropsychological Assessment (2004)
- Diagnostic Nomenclature (2003, 2002)
- Lifespan Development (2002, 2001)

PROFESSIONAL PRESENTATIONS

1. Tibbs, J.J., Von Striver, T., Pendakur, R.C., Owen, C.E., Wu, J.T., **Oakes Mueller, K.L.** (2014). Associations between Childhood Neglect and Brain Pattern Inventories. Poster symposium presented at the Western Psychological Association Annual Convention, Portland, OR.
2. Pendakur, R.C., Von Striver, T., Tibbs, J.J., Owen, C.E., **Oakes Mueller, K.L.**, & Wu, J.T. (2014). *Associations between Childhood Attachment and Brain Pattern Inventories*. Poster symposium presented at the Western Psychological Association Annual Convention, Portland, OR.
3. Munoz, M.M., Furtado, T.P., Vaillancourt, A.A., Wu, J.T., & **Oakes Mueller, K.L.** (2013). *The Effects of Early Trauma Clusters on Marriage Satisfaction*. Poster symposium presented at the Western Psychological Association Annual Convention, Reno, NV.
4. Vaillancourt, A.A., Furtado, T.P., Munoz, M.M., **Oakes Mueller, K.L.**, & Wu, J.T. (2013). *The Effects of Brain Region Functioning on Marriage Satisfaction*. Poster symposium presented at the Western Psychological Association Annual Convention, Reno, NV.
5. Vaillancourt, A.A., Nelson, V., **Oakes Mueller, K.L.** & Wu, J.T. (2012) *Communication and Help Seeking Preferences Across Three Asian American Populations*. Poster symposium presented at the Western Psychological Association Conference, San Francisco, CA
6. Nelson, V., Vaillancourt, A.A., Wu, J.T. & **Oakes Mueller, K.L.** (2012) *Premarital Behaviors Across Three Asian American Populations*. Poster symposium presented at the Western Psychological Association Conference, San Francisco, CA
7. Stewart, L. & **Oakes Mueller, K.** (2011). *Abortion and Grief*. Presentation with Life Perspectives for Sharp Mesa Vista Hospital, San Diego, CA.
8. Beail, L, Pederson, B., Lupo, L., & **Oakes Mueller, K.** (2010). *Feminist Pedagogy*. Panel Presentation for Point Loma Nazarene's Nurturing the Prophetic Imagination Conference. San Diego, CA.
9. Fredenburg, M. & **Oakes Mueller, K.** (2009). *Reproductive Loss and Grief*. Panel Presentation for female medical practitioners from India, Pakistan, and Afghanistan. International Leadership Visitor Program. San Diego, CA.
10. Wollin, E. L., & **Mueller, K.O.** (2007). *Treatment of Body Image Concerns: A Holistic Approach Incorporating Spirituality in Group Therapy*. Workshop presented at the Summit Eating Disorders and Body Image Symposium in Sacramento, CA.
11. **Mueller, K.O.**, Marion, S.D., Paul, L.K., & Brown, W.S. (2006). *Bimanual Motor Coordination in Individuals with Partial and Complete Callosal Agenesis*. Poster symposium presented at International Neuropsychological Society Annual Meeting, Boston, MA.
12. Wollin, E. L., **Mueller, K.O.**, & Knight-Baughman, R. (2005). *Group treatment of body image concerns: A holistic approach*. Workshop presented at the Organization of Counseling Center Directors in Higher Education Annual Fall Conference, Shell Beach, CA.
13. **Mueller, K.O.**, Marion, S.D., Paul, L.K., & Brown, W.S. (2005). *Bimanual Coordination in Individuals with Agenesis of the Corpus Callosum*. Poster symposium presented at International Neuropsychological Society Annual Meeting, St. Louis, Missouri.

14. **Mueller, K.O.**, Margalit, J.A., & Miller, K.J. (2004). *Frontotemporal Dementia: Right vs. Left Asymmetry*. Poster symposium presented at University of California, Los Angeles Aging Conference, Los Angeles, CA.
15. **Oakes, K.L.**, Marion, S.D., Killian, S.C., Thrasher, D., McBurney Rebol, K., & Brown, W.S. (2002). *Gender, Hormones and Bimanual Coordination*. Poster symposium presented at International Neuropsychological Society Annual Meeting, Toronto, Canada.
16. **Oakes, K.L.**, Sagawa, J.T., & Strawn, B. (2000). *Personality and Imaging of Christ*. Poster presented at the Western Psychological Association Conference, Portland, OR.
17. Sagawa, J.T., **Oakes, K.L.** & Holly, K. (2000). *Predictors of Academic Success among College Freshman*. Poster presented at the Western Psychological Association Conference, Portland, OR.
18. **Oakes, K.L.**, Sagawa, J.T & Holly, K. (1999). *Use of Self-Concept Measure to Predict College Adjustment*. Poster presented at the Western Psychological Association Conference, Irvine, CA.

PROFESSIONAL REVIEWER

1. Gorsuch, R., **Oakes Mueller, K.L.** & Brown, W.S. (2012). Review Committee for Fuller Integration Symposium Research Poster Session.
2. Stewart, L., Strauss, G., Fredenburg, M. & Gaul, M. (2011). *Grief and Abortion: Creating a Safe Place to Heal*. Perspectives Publishing, San Diego, Ca.

ABSTRACT PUBLICATIONS

1. **Mueller, K.O.**, Marion, S.D., Paul, L.K., & Brown, W.S. (2006). *Bimanual Coordination in Individuals with Complete and Partial Agenesis of the Corpus Callosum*. Program and Abstracts from the 34th Annual International Neuropsychological Conference.
2. **Mueller, K.O.**, Marion, S.D., Paul, L.K., & Brown, W.S. (2005). *Bimanual Coordination in Individuals with Agenesis of the Corpus Callosum*. Program and Abstracts from the 33rd Annual International Neuropsychological Conference, 39.
3. **Mueller, K.O.**, Margalit, J.A., & Miller, K.J. (2004). *Frontotemporal Dementia: Right vs. Left Asymmetry*. Proceedings and Abstracts for the 9th Annual UCLA Research Conference on Aging, 33.
4. **Oakes, K.L.**, Marion, S.D., Killian, S.C., Thrasher, E.D., McBurney-Rebel, K., & Brown, W.S. (2002) *Gender, Hormones and Bimanual Coordination*. Journal of the International Neuropsychology Society v 8(2).

ARTICLE PUBLICATIONS:

1. **Mueller, K.O.**, Marion, S.D., Paul, L.K. & Brown, W.S. (2009). Bimanual Motor Coordination in Agenesis of the Corpus Callosum. *Behavioral Neuroscience*, 125, 1000-1011.

CLINICAL EXPERIENCE

2010-current **Clinical Assessment**

Point Loma Nazarene University Center for Pastoral Leadership
San Diego, California

- Conducting Ministerial assessments for candidates pursuing ordination in the Nazarene Church.

2009-2011 **Clinical Supervisor**

Point Loma Nazarene University Wellness Center
San Diego, California

- Supervise the clinical work of a postdoctoral counselor obtaining hours for licensure.

SUPERVISED CLINICAL EXPERIENCE

- 2006-2007 **Post-Doctoral Counselor**
Azusa Pacific University
Azusa, California
Supervisor: Bill Fiala, Ph.D., Licensed Clinical Psychologist
- 2006-current **Post-Doctoral Fellow**
Fuller Psychological and Family Services
Pasadena, California
Supervisor: Stephen Simpson, Ph.D., Licensed Clinical Psychologist
- 2005-2006 **Pre-Doctoral Internship**
University of San Diego (APA accredited)
San Diego, California
Supervisors: Christine Walker, Psy.D., Licensed Clinical Psychologist, Erinn Tozer, Ph.D., Licensed Clinical Psychologist
- 2004-2005 **Pre-Intern**
Azusa Pacific University
Azusa, California
Supervisors: Joshua Purga, PsyD., and Erica Liu Wollin, PsyD. Licensed Clinical Psychologist
- 2003-2005 **Student Supervisor**
Fuller Graduate School of Psychology
Pasadena, California
Supervisors: Steve Simpson, Ph.D., Licensed Clinical Psychologist and Timothy Kelly, Ph.D., Licensed Clinical Psychologist, Kendra Nickerson, Ph.D.
- 2003-2005 **Clinical Trainee**
Fuller Psychological and Family Services
Pasadena, California
Supervisors: Diane Laughrun, Ph.D., Licensed Psychologist, and Stephen Simpson, Ph.D., Licensed Psychologist
- 2003-2004 **Clerkship**
Neuropsychiatric Institute
University of California, Los Angeles
Los Angeles, California
Supervisor: Karen Miller, Ph.D, Licensed Clinical Neuropsychologist
- 2002-2004 **Psychological Assistant**
Pasadena, California
Supervisor: Cynthia Davis, Ph.D., Licensed Clinical Psychologist

- 2002-2003 **Practicum II Student**
Fuller Psychological and Family Services
Pasadena, California
Supervisor: Stephen Simpson, PhD., Licensed Clinical Psychologist
- 2001-2002 **Practicum I Student**
Young and Healthy
Pasadena, California
Supervisors: Terrill Halender, Ph.D., Licensed Educational Psychologist
- 2001 **Clinical Foundations Student**
Fuller Theological Seminary
Pasadena, California
Supervisors: Beth Baumeister-Peters, M.A.; and Linda Wagener, Ph.D. Licensed Clinical Psychologist

CURRICULUM VITAE

G. Michael Leffel, Ph.D.

*Professor of Psychology
Point Loma Nazarene University,
San Diego, CA.*

Address

Point Loma Nazarene University
Department of Psychology
3900 Lomaland Dr. San Diego, CA. 92106
O: (619) 849-2278
michaelleffel@pointloma.edu

Education

- Ph.D. University of Illinois, Urbana-Champaign (1986)
Major: Personality and Social Ecology (Gerald Clore, Ph.D. *Chair*)
Minor: Clinical Psychology
- M.A. California State University, Long Beach (1979)
Major: Personality-Social ("Graduation with Honors")
Minor: Clinical
- B.A. Point Loma College (1977)
Valedictorian
NAIA Academic All-American (Baseball)

Professional Memberships

Western Psychological Association (WPA)
Rocky Mountain Psychological Association (RMPA)
APA Division 36, Psychology of Religion and Spirituality
Society for the Study of Psychology and Wesleyan Theology (SSPWT)

Summary of Employment History

(August '92 -) *Professor of Psychology, Point Loma Nazarene University* (Tenured)
Primary responsibilities include full-time teaching (four courses each semester), supervision of 2-3 students each year on undergraduate research projects, and service on faculty committees. Served as Department Chair for three years.

(August '82 - August '92) *Psychotherapy Private Practice, Denver, CO.*
After completing course work at the University of Illinois, Champaign-Urbana in August 1982, I moved to Denver and joined a group private practice. During this time I obtained special training in psychoanalytic theory and in psychodynamic, emotion-focused psychotherapy. I specialized in individual adult psychotherapy and selected issues in marriage and family therapy.

Current Scholarly Activities Related to Moral Psychology and Psychology of Religion

(2010 -) Consultant to the *Project on the Good Physician* (Science of Virtues, John Templeton Foundation Award, University of Chicago)

The “Project on the Good Physician” was one of twenty projects selected for *The New Science of Virtues* initiative (March 2010-2012), administered by the *Arete Initiative* at the University of Chicago and funded by the John Templeton Foundation. This project developed the first national longitudinal study of the moral and professional formation of American physicians over the course of their medical training (<http://scienceofvirtues.org/Arete/ResearchGrants.aspx>). Primary responsibilities included selection and development of instruments and data analysis.

(2006 -) *Institute for Research in Psychology and Spirituality* (IRPS), Rosemead School of Psychology, Biola University. Invited participant at yearly research symposium for research on integration of psychology and Christian spirituality.

(2005 -) Peer reviews for articles submitted to *Journal of Positive Psychology* (JPP), *Journal of Psychology and Theology* (JPT), and *Journal of Psychology and Christianity* (JPC).

(1997 -) *Society for Study of Psychology and Wesleyan Theology* (SSPWT)

Charter and organizing member of SSPWT, an organization that sponsors annual conferences and promotes presentations and writing devoted to the integration of Wesleyan spirituality and psychology.

(1995 - 2010) *Wesleyan Center for 21st Century Studies*, Point Loma Nazarene University
Charter and organizing member. Have been awarded multiple grants as Center Scholar and Fellow.

Research Interests

Scholarly interests, both theoretical and empirical, focus on adult development (generativity theory), the psychology of virtue (especially a moral intuitionist virtue ethics of caring), the psychology of spiritual transformation, and the integration of moral psychology and practical Christian ethics (Christian Spirituality). Published articles, symposium presentations, and most recent student poster presentations (only) are described in the following pages. **Research Projects described below (beginning on p. 10).**

Current Teaching Areas

Personality and Adult Development

Abnormal Psychology

Pursuing Goodness: The Psychology of Moral Change (Senior Capstone) *

Psychology of Religion (Psychology of Spiritual Transformation) *

History and Contemporary Issues in Psychology

*Designed and teach an applied moral psychology course entitled *Pursuing Goodness: The Science of Moral Change* that serves as the Senior capstone course for psychology majors at PLNU. Designed and teach a course in the psychology of spiritual transformation entitled *Dante's Quest: A "Therapy of Desire" for the Psychology of Spiritual Transformation* that focuses on the integration of contemporary moral psychology and the virtue-vice tradition in Christian spirituality. **Featured Courses described below (beginning on p. 8).**

Psychology Courses Taught

Personality and Adult Development (20 semesters)
 Abnormal Psychology (8 semesters)
 Theories of Counseling and Psychotherapy (6 semesters)
 Group Counseling (Didactic and Experiential; 7 semesters)
 Group Dynamics (Experiential only; 12 semesters)
 Psychology of Personal Development (18 semesters)
 Developmental Psychology: Adulthood and Aging (6 semesters)
 Moral Development and Psychology of Religion (30 semesters)
 Social Psychology (9 semesters)
 Psychology of Emotion and Motivation (10 semesters)
 Psychology of Learning and Cognition (3 semesters)
 History of Psychology (16 semesters)
 Introduction to Methods and Measurement (2 semesters)
 The Human Challenge (Existential Psychology-Literature Integration; 7 semesters)

Major Contributions to Department and University

- Chair of Department of Psychology (2005-2007).
- Designed *Therapeutic and Community Psychology* (TCP) and *Character, Morality, and Culture* (CMC) concentrations for Psychology majors.
- Developed *Psychology of Personal Development* curriculum for first-year experience course required of all first-year students at PLNU.
- Research design and assessment consultant to *The Project on the Good Physician*, one of twenty projects selected for The New Science of Virtues (March 2010-2012), administered by the *Arete Initiative* at the University of Chicago and funded by the John Templeton Foundation.
- Organizing member of *Society for the Study of Psychology and Wesleyan Theology* (SSPWT).
- Organizing member of *Wesleyan Center for 21st Century Studies*, Point Loma Nazarene University.
- Elected by faculty to serve as *Representative to the Board of Trustees*, Point Loma Nazarene University (2005).
- Yearly service on various faculty governance committees, most recently Faculty Resources Committee.

Published Articles and Chapters
Moral Psychology and Psychology of Religion and Spirituality

2013 (in preparation)

Leffel, G. M., & Oakes-Mueller, R. A. (2013, in preparation). Project on the good physician: Evidence for the construct validity of a moral intuitionist model of virtuous caring. To be submitted to the *Journal of Moral Education*, Summer 2013.

Leffel, G. M. (2013, in preparation). Beyond meaning: Three levels and cognitive systems of spiritual transformation, Catalyzing a new science of spiritual practices. To be submitted to *Journal of Psychology and Theology*, Fall 2013.

2011

Leffel, G. M. (2011a). Beyond meaning: Spiritual transformation in the paradigm of moral intuitionism, Introduction: Catalyzing a new science of spiritual transformation. In R. L. Piedmont & A. Village (Eds.), *Research in the social scientific study of religion*, Vol. 22 (pp. 23-28). <http://www.brill.nl/rssr>

Leffel, G. M. (2011b). Beyond meaning: Spiritual transformation in the paradigm of moral intuitionism, Part 1: Beyond meaning-system analyses. In R. L. Piedmont & A. Village (Eds.), *Research in the social scientific study of religion*, Vol. 22 (pp. 29-76). <http://www.brill.nl/rssr>

Leffel, G. M. (2011c). Beyond meaning: Spiritual transformation in the paradigm of moral intuitionism, Part 2: A moral intuitionist approach to spiritual transformation. In R. L. Piedmont & A. Village (Eds.), *Research in the social scientific study of religion*, Vol. 22. (pp. 77-125). <http://www.brill.nl/rssr>

2010

Leffel, G. M. (2010). "Putting on Virtue": A motivation-based virtue ethics of caring for practical theology. In M. K. Armistead, B. D. Strawn, & R. W. Wright (Eds.), *Wesleyan theology and social science: The dance of practical divinity and discovery* (pp. 143-158). Newcastle, UK: Cambridge Scholars Publishing.

2008

Leffel, G. M. (2008a). Who cares? Generativity and the moral emotions, Part 1: Advancing the "psychology of ultimate concerns." *Journal of Psychology and Theology*, 36, 161-181.

Leffel, G. M. (2008b). Who cares? Generativity and the moral emotions. Part 2: A "social intuitionist model" of moral motivation. *Journal of Psychology and Theology*, 36, 182-201.

Leffel, G. M., Fritz, M. E., & Stephens, M. R. (2008). Who cares? Generativity and the moral emotions, Part 3: A social intuitionist "ecology of virtue." *Journal of Psychology and Theology*, 36, 202-221.

2007

Leffel, G. M. (2007a). Emotion and transformation in the relational spirituality paradigm, Part 1: Prospects and prescriptions for reconstructive dialogue. *Journal of Psychology and Theology*, 35, 263-280.

Leffel, G. M. (2007b). Emotion and transformation in the relational spirituality paradigm, Part 2: Implicit morality and "minimal prosociality." *Journal of Psychology and Theology*, 35, 281-297.

Leffel, G. M. (2007c). Emotion and transformation in the relational spirituality paradigm, Part 3: A moral motive analysis. *Journal of Psychology and Theology*, 35, 298-316.

2006

Leffel, G. M. (2006). Relational generativity: A proposed new domain of generative adult development. Archived at PsycEXTRA, www.apa.org/psyextra.

2004

Leffel, G. M. (2004). Prevenient Grace and the re-enchantment of nature: Toward a Wesleyan theology of psychotherapy and spiritual formation. *Journal of Psychology and Christianity*, 23, 130-139.

2001

Strawn, B. D., & **Leffel, G. M.** (2001). John Wesley's "Orthokardia" and Harry Guntrip's "Heart of the Personal": Convergent aims and complementary practices in psychotherapy and spiritual formation. *Journal of Psychology and Christianity*, 20, 351-359.

Symposium Presentations Psychology of Religion and WPA Conferences

2009 Mid-Year Loyola Conference

Leffel, G. M. (April, 2009). Generativity and virtues of the quiet ego: A new direction for the psychology of spiritual transformation. Symposium presentation at the Loyola Mid-Year Conference of Division 36 Psychology of Religion, Loyola College, MA, April 2009.

2008 Mid-Year Loyola Conference

Leffel, G. M. (2008). Becoming a good character: The shift in moral psychology (and, why it matters for spiritual transformation). Symposium presentation at the Loyola Mid-Year Conference of Division 36 Psychology of Religion, Loyola College, MA, April 2008.

2007 Rocky Mountain Psychological Association

Leffel, G. M., (2007). Relational generativity: Discovering and expanding Erikson's investment model of caring. Paper presentation at the Rocky Mountain Psychological Association, April 2007.

Leffel, G. M., & Fritz, M. (2007). Moral emotions of caring character: A conceptual model and empirical review for programmatic research. Paper presentation at the Rocky Mountain Psychological Association, April 2007.

Leffel, G. M., & Stephens, M. (2007). The relationship of positive and moral emotions (empathy and gratitude) to generative concern and action: A preliminary construct validity study of the MACA model. Paper presentation at the Rocky Mountain Psychological Association, April 2007.

Recent Symposium Presentations
Society for the Study of Psychology and Wesleyan Theology (SSPWT)

2010

Leffel, G. M. (2010). Putting on virtue: Catalyzing a new science of Christian virtue formation. Symposium paper presentation at the *Society for the Study of Psychology and Wesleyan Theology*, Azusa Pacific University, March 2010.

(with student) Leffel, G. M., & Karras, J. (2010). Putting on virtue: Catalyzing a new science of Christian virtue formation, Part 2: Contagious compassion: How could you “catch” it? Symposium paper presentation at the *Society for the Study of Psychology and Wesleyan Theology*, Azusa Pacific University, March 2010.

(with student) Leffel, G. M., & Gebhart, N. (2010). Putting on virtue: Catalyzing a new science of Christian virtue formation, Part 3: A new model and measure of caring. Symposium paper presentation at the *Society for the Study of Psychology and Wesleyan Theology*, Azusa Pacific University, March 2010.

(with student) Leffel, G. M., Erikson, T., & Shook, B. (2010). Putting on virtue: Catalyzing a new science of Christian virtue formation, Part 5: Wired to be inspired. Symposium paper presentation at the *Society for the Study of Psychology and Wesleyan Theology*, Azusa Pacific University, March 2010.

2008

Leffel, G. M., (2008). Becoming a good character: The shift in moral psychology (and, why it matters for spiritual transformation. Symposium paper presentation at the *Society for the Study of Psychology and Wesleyan Theology*, Duke University, March 2008.

Leffel, G. M., (2008). Embodying the capacity to care: A Wesleyan “social intuitionist model” of spiritual transformation. Symposium paper presentation at the *Society for the Study of Psychology and Wesleyan Theology*, Duke University, March 2008.

2006

Leffel, G. M. (2006). Renewed minds and transformed hearts: Models of moral development in Christian spirituality. Paper presentation at the *Society for the Study of Psychology and Wesleyan Theology*, Kansas City, March 2006.

Leffel, G. M. (2006). Emerging love and the capable character: Murphy’s MacIntyrean project for Wesleyan theology. Paper presentation at the *Society for the Study of Psychology and Wesleyan Theology*, Kansas City, March 2006.

Recent Student Poster Presentations at WPA Conferences

2014 (Western Psychological Association, Portland)

Oakes Mueller, R., **Leffel, G.M.**, Roth, V., Messier, M., Farinelli, A., & Galli Young, M. (2014, April). *Good Physician (2 of 2): Neuroticism/Burnout Inhibit Growth in Generosity*. Poster session presented at the 94th Annual Convention of the Western Psychological Association, Portland, OR.

Roth, V., Messier, M., Farinelli, A., Galli Young, M., Oakes Mueller, R., & **Leffel, G.M.** (2014, April). *Good Physician (1 of 2): Moral Elevation Predicts Virtue Development*. Poster session presented at the 94th Annual Convention of the Western Psychological Association, Portland, OR.

2013 (Western Psychological Association, Reno)

Ayres, K., Neher, A., Erbacci, G., Oakes Mueller, R. A., & **Leffel, G. M.** (2013, May). "Project on the good physician" (Part 1 of 3): Evidence for the construct validity of a moral intuitionist model of virtuous caring. Poster presented at the Western Psychological Association Conference, Reno, NV.

Shepherd, A., Dahill, J., Oakes Mueller, R. A., & **Leffel, G. M.** (2013, April). "Project on the good physician" (Part 2 of 3): Caring virtues and the moral matrix of clinical decisions. Poster presented at the Western Psychological Association Conference, Reno, NV.

Young, M., Drown, K., Oakes Mueller, R. A., & **Leffel, G. M.** (2013, April). "Project on the good physician" (Part 3 of 3): Neuroticism and burnout may inhibit expression of the intuition to care and of caring virtues. Poster presented at the Western Psychological Association Conference, Reno, NV.

2011 (Western Psychological Association, Los Angeles)

Cardiel, D., Sparks, C., Games, J., Oakes Mueller, R. A., & **Leffel, G. M.** (2011). Gratitude and its specialized role in relational generativity. Poster presentation at the Western Psychological Association, April 24, Los Angeles, CA.

2010 (Western Psychological Association, Cancun)

Nickolas, G., **Leffel, G. M.**, & Oakes-Mueller, R. A. (2010). Caring as a psychological construct: Development and construct validation of the Care 4 Questionnaire, Poster presentation at the Western Psychological Association, April 24, Cancun, Mexico.

2009 (Western Psychological Association, Portland)

Oakes Mueller, R. A., Tankersley, L., & **Leffel, G. M.** (2009, April). Grateful giving: Does gratitude, induced through a guided self-reflection practice, facilitate upward spirals of generative care in young adults? Poster presentation at Western Psychological Association, April, 2009.

Featured Course #1

Pursuing Goodness
The Science of Moral Change
 (Senior Capstone Course at PLNU)

“If anything is going to answer to the name moral psychology, it ought to be an inquiry into how the formations (and transformations) of the psyche help one to lead a good life in a world with others.”

-J. Lear, moral philosopher, *Radical Hope*, p. 104

A “Course” for the Rest of Your Life . . .

The recent collection of books and articles in the social sciences reflecting on the question of “evil” might make one forget that the question of what constitutes *goodness* is no less cogent or perplexing. Nearly everyone aspires to be a “good” person and to live a Good Life in a world with others. But, what does a good life look like? And, what makes a good relationship good? Further, how do persons change for good? Are there multiple, competing possibilities for what counts as a good life? Is there a transcendent conception of “the good” that should guide and order the various goods that make up a good life? Does psychological science have anything to say about goodness? These questions are the focus of *Pursuing Goodness*.

In this second decade of the 21st century we are witnessing a revolution in the scientific understanding of human nature and moral change. In the last twenty years, the psychological sciences have joined other disciplines – moral philosophy, religious ethics, and even cognitive neuroscience – in the pursuit of what constitutes a good life in a world with others. Where once science and (some) religious traditions have depicted human beings as mostly selfish and violent, today thinkers of many disciplines are uncovering the deep neurobiological roots of human goodness and the capacity for altruistic prosociality (e.g., compassion and generosity). While this new science certainly does not deny the existence of the selfishness we sometimes see in ourselves and in the world around us, it does offer new evidence that another kind of human being is possible. This course introduces you to three new sciences that purport to offer important insights about human nature and change: the science of a meaningful life; the science of moral change; the science of love and virtue. These emerging sciences promise to offer valuable insights about how persons *live, change, and love*.

In light of these sciences, our course endeavors to explore these questions from an interdisciplinary perspective – primarily psychological, but also with the aid of philosophic, literary, and religious sources. Each lecture and follow-up class conversation attempts to emphasize the relevance of these questions by offering illustrations from everyday life, literature, and film. From Plato’s *The Apology* to Shel Silverstein’s *The Giving Tree* and Camus’s *The Plague*, and to the films *The Bourne Identity*, *Schindler’s List* and *The Matrix* (and more), this course offers a wealth of thought-provoking insights to help us address these fundamental and complex questions about how we pursue goodness.

Featured Course #2

Dante's Quest

A "Therapy of Desire" for the Psychology of Spiritual Transformation

Background: Does the psychology of spiritual transformation have a "therapy of desire" adequate to conceptualize how persons *heal* (transform) internal obstacles to and *develop* the capacities necessary for mature love? In particular, does it possess a conceptual model of the nature and processes of spiritual transformation that incorporates contemporary theory and research on brain-based principles of personality change? In her book *The Therapy of Desire* (1994), moral philosopher Martha Nussbaum describes what she believes to be one of the central dilemmas in contemporary moral-spiritual theory, namely *the absence of a coherent account of psychological suffering, and a process model of change that tells us what to do about it*. The objective of her book is to argue that post-Aristotelian Greek and Roman philosophers (Hellenistic ethics) point the way to such a model, and paint a more demanding picture of what it takes to transform and develop a good heart and character than many contemporary models of moral-spiritual change. She suggests that the need to give greater direct attention to the nature of suffering is due to the fact that many simplistic accounts of moral-spiritual change are insufficiently attentive to how certain destructive (and often unconscious) "states of mind" (vices) – like pride – cause emotional suffering and perpetuate self-and relationship-defeating patterns. According to the post-Aristotelian "therapists of desire" – especially the Hellenistic schools of the Epicureans and the Stoics – more than good socialization and cognitive change (like attending lectures or sermons on how to apply moral principles) was needed to diminish the power of destructive states of mind and to acquire virtues like compassion. This "ancient" approach believed that some kind of direct therapy on the "desires" (passions) of mind was necessary in order to quell or eliminate the deep roots of vice and psychological suffering – something akin to mindfulness practices. Additionally, they believed that the expansion of one's motivation and capacity for "universal compassion" required its own active, intentional work to enhance whatever tendencies of fellow-feeling might be rooted in human nature, but that are insufficiently developed simply by appeals to moral reasoning and willpower.

Objective: The purpose of this project, both theoretical and empirical in nature, is to model contemporary approach to spiritual transformation based on the logic of Dante's spiritual journey described in *The Divine Commedia*. One of the unique contributions of Dante's method is that it combines an emphasis on the virtue-vice tradition of early Christianity, while incorporating a *process* model of psychological change that draws upon the ancient Christian "Doctrine of Three Ways" (Illumination, Purgation, Union). Dante's journey provides a model of spiritual transformation that describes how the soul moves toward "union with God in love" in struggle against the obstacles to this goal (vices that obstruct mature love). Dante's Aristotelian model of Christian formation is a "moral likeness" model of relationship with God which emphasizes that the goal of spiritual maturity is not necessarily to feel subjectively *closer* to God, rather to become more like God by enlarging one's motivation and capacity to *love more like God*. The way to this union (*theosis* or Divinization) is through the dark *Inferno* and up the mountain of *Purgatorio* – metaphors understood primarily as encounter with the contents of one's own unconscious "attachments" to inner desires that are contrary to mature love. A first goal of this project is to offer a psychodynamically-informed re-conceptualization of the seven *principia vitia* of the Christian vice tradition, focusing especially on pride as the central root cause of all other vices. A second objective is to describe the *purgative process* of spiritual transformation in terms of the emerging neurodynamic model of memory reconsolidation, as exemplified in D. Siegel's interpersonal neurobiology (ITNB) and other brain-based approaches to therapeutic change.

Research Project #1

“Project on the Good Physician”¹
Advancing the New Science of Virtues

A Collaborative Project between
Point Loma Nazarene University, Department of Psychology and
The University of Chicago, Program on Medicine and Religion,
MacLean Center for Clinical Medical Ethics

¹The “Project on the Good Physician” was one of twenty projects selected for *The New Science of Virtues* initiative (March 2010-2012), administered by the *Arete Initiative* at the University of Chicago and funded by the John Templeton Foundation. Dr. Leffel served as the research consultant to this project.

Background: Recent data suggest that although medical science now offers more power to cure than ever before, the public increasingly believes today’s physicians may be motivated more by self-aggrandizement and entitlement than by a desire to express their compassion, generosity, and wisdom through the practice of medicine. In response to these trends, prominent medical organizations have launched major initiatives to teach “physician professionalism” as a core competency while requiring medical educators to measure the outcomes of their efforts. In this project, we seek to advance a *moral intuitionist model of virtuous caring* that derives from theory and research in the “positive psychology of morality” that may be applicable to medical character education.

The long-term goal of The Project on the Good Physician is to develop the first national longitudinal study of the moral and professional formation of American physicians over the course of medical training – from matriculation in medical school to the first years of practice after residency training. As a first step in this larger project, we created a theoretical framework and an empirical strategy for tracking the course and consequences of three physician care-related virtues across time and training experiences (mindfulness, empathic compassion, generosity), as well as other individual and contextual factors that might obstruct the expression of these virtues (neuroticism and burnout).

Description: The project was divided into three parts. In Part 1, we constructed a first questionnaire that assessed the following variables: *mindfulness, empathic compassion, generosity, burnout, entitlement, vocational satisfaction, clinical specialty, likelihood of service in a medically underserved setting, medical experiences and beliefs about medicine, and other demographic information*. Using a combination of postal mailings and email links to online versions of the questionnaire, we obtained a response rate of 63% (602/960). In Part 2, a second follow-up questionnaire repeated many of the measures from the first instrument and gathered new data on the following variables: *perceived generosity of a resident-nominated physician mentor or role model, the experience of moral elevation in relation to the generous role model, moral foundations used in clinical decisions, five factor personality traits, satisfaction in life, meaning in life, vocational calling, vocational satisfaction, and religious preferences*. In Part 3, based on the survey data, we constructed a qualitative interview protocol and conducted telephone interviews with 25 resident physicians who exhibited characteristics of theoretical interest in the study. This interview format drew upon the “life story” approach to the study of generative adult development, and was constructed to elicit information about vocationally

formative life experiences, as well as perceptions of what it means to be a virtuous physician. (Project progress on next page.)

“Project on the Good Physician” (Part 1): Evidence for the Construct Validity of a Moral Intuitionist Model of Virtuous Caring

(In April, 2013 we presented results of Part 1 of this project in three poster presentations at WPA (Reno). We anticipate results of Part 1 will result in a published paper. Additional analyses are in progress.)

Hypothesis 1: Virtues and Eudaimonic Well-Being: Convergent and Predictive Validity of a Model of Virtuous Caring

A first major hypothesis predicts that systematic inter-relationships may exist between the care-related virtues of Mindfulness, Empathic Compassion, and Generosity (convergent validity), and that these virtues will predict real-world altruistic action and eudaimonic well-being (predictive validity). Hypothesis 1A explores the strength of relationship between virtues and predicts virtues will be positively associated with each other (convergent validity). Hypothesis 1B predicts that physicians characterized by these virtues will be nominated by their peers for the Gold Humanism Award, an award given each year to students recognized to exhibit qualities believed essential to good doctoring: integrity, excellence, compassion, altruism, respect, empathy and service (predictive validity). Hypothesis 1C predicts that virtuous physicians will experience greater *eudaimonic well-being* as measured by various life- and vocation-related indices: *life meaning*, *life satisfaction*, *vocational satisfaction*, and *vocational calling* (predictive validity). Hypothesis 1D explores the strength of relationship between caring virtues and “Big Five” personality traits (Openness, Conscientiousness, Extraversion, Agreeableness, Neuroticism), and predicts that while Mindfulness and Empathic Compassion may be associated with certain personality traits, they will explain variance in Generosity beyond that predicted by personality traits alone (predictive validity).

Hypothesis 2: Caring Virtues and the “Moral Matrix” of Clinical Decision Making

Consistent with recent social intuitionist virtue theory, a second major hypothesis predicts that the intuition to Care/harm may be highly salient for (utilized by) physicians, and will be positively associated with three care-related virtues (the attention-related virtue of Mindfulness, emotion-related virtue of Empathic Compassion, action-related virtue of Generosity). Hypothesis 2A predicts that physicians will favor the moral intuition to Care/harm over other intuitions in clinical decision making. Hypothesis 2B predicts there will be strong, positive associations between Care/harm and each virtue. Hypothesis 2C predicts that Mindfulness and Empathic Compassion (independently considered) may act to moderate (strengthen) the relationship between Care/harm and Generosity, such that the Care/Harm–Generosity link is stronger when these virtues are stronger.

Hypothesis 3: Neuroticism and Burnout May Inhibit Expression of the Intuition to Care/harm and Caring Virtues

A third major hypothesis predicts that Neuroticism and Burnout will be associated with each other, and that these factors may negatively moderate (weaken) the expression of the intuition to Care/harm and of the caring virtues. Hypothesis 3A predicts that Neuroticism and Burnout are strongly associated with each other. Hypothesis 3B predicts that Mindfulness is inversely related to both Neuroticism and Burnout (independently considered), such that those high in Mindfulness will be low in Neuroticism and Burnout. Hypothesis 3C predicts that Neuroticism and Burnout (independently considered) may attenuate the association between Care/harm and Generosity, such that the Care/harm–Generosity link is stronger when these inhibiting factors are weaker. Similarly, Hypothesis 3D predicts that Neuroticism and Burnout (independently considered) may weaken the association between Empathic Compassion and Generosity, such that the Empathic Compassion–Generosity link is stronger when these inhibiting factors are weaker.

Research Project #2

Virtues and the Michelangelo Phenomenon

Do Virtue-specific, Mindfulness Practices Facilitate Caring in Communal Relationships?

Background and Rationale: In her book *Putting on Virtue: The Legacy of the Splendid Vices*, religious ethicist Jennifer Herdt poses a question of equal urgency for the humanities and for the sciences that are concerned with moral formation: *Does either secular or religious ethical theory have a sufficient understanding of virtue formation to be capable of transmitting the virtues to future generations?* In an effort to better understand the mechanisms of virtue formation, this project draws on some of the most promising theoretical and empirical trends in the contemporary psychology of virtue (Haidt & Joseph), together with recent philosophical trends in virtue ethics (Churchland; Flanagan; MacIntyre; Slote) to delineate a new direction for theory and research in the emerging science of virtues: *a moral intuitionist model of virtuous caring*. At the heart of this approach is the “Social Intuitionist Model” (SIM) first offered by moral psychologist Jonathan Haidt (2001). In its most recent formulation, the SIM advances a “connectionist” (Churchland) account of virtue, defining it as a “moral associative network” in the brain-mind that integrates three inter-related functions: moral *intuitions*, moral *emotions*, and procedural *strivings/skills*. Further, intuitionist theory predicts specific virtues may develop ‘on top of’ each of these intuitions. For example, the virtue of compassion is likely related to the intuition to Care/harm, one of the five moral foundations in Haidt’s model of “intuitive ethics” (Haidt & Joseph, 2004; 2007). However, to date, social intuitionism has not yet provided a nuanced account of how the innately given intuition to care gets revised and greatly extended within a cultural context that uses narrative to shape and guide the development of specific virtues, nor has it documented how mindfulness meditation may act as a mechanism for virtue development. While existing research on various “emotions/virtues” (e.g., compassion; Fredrickson et al., 2008) has convincingly demonstrated that systematic activation of the emotion component of a virtue through mindfulness practice (e.g., compassion with LKM meditation) can reliably enhance positive emotions and other indices of well-being (Fredrickson’s “build” hypothesis), what is not yet well documented is whether systematic activation of specific virtues through mindfulness practices, over time, also facilitates caring in close (communal) relationships. The objective of this research, simply stated, is this: While previous research has demonstrated that virtues can make us happier and healthier, we want to know whether they also make us more *caring*, and if so, *how?*

Plan for Programmatic Research: To test this connectionist model of virtue formation and the role of virtue-specific mindfulness practices, we propose field experiments with young adult friendship dyads to investigate how caring is enhanced in close relationships.

In separate studies, various virtues in our *moral intuitionist model of virtuous caring* (Leffel) will be investigated, especially *trust* (Mikulincer & Shaver) *gratitude* (Emmons), *compassion* (Fredrickson), and *forgiveness* (McCullough). These particular prosocial virtues are proposed because of their status as “other-praising” virtues believed to facilitate prosocial functioning. Moreover, existing research demonstrates reliable ways to induce them through guided mindfulness-based practices. Following a 2-week non-intervention period (to determine naturally occurring changes in model variables prior to the intervention), participants will be assigned to one of three mindfulness meditation conditions (virtue-related, positive emotion not related to the virtue, or emotion-neutral). During this 6-week intervention, participants will complete a variety of mindfulness practices (modeled after existing research). Two predictions are made. First,

relative to the other conditions, the virtue-specific mindfulness practices will produce greater increases over time in the daily experience of the emotion component of the virtue (e.g., feeling grateful), which in turn will produce increases in virtue-related strivings to express the emotion (e.g., enhanced strivings to express gratitude). In effect, this method would extend Fredrickson's "build" hypothesis to the dynamics of communal relationships, thus providing a more specific and critical test of the build hypothesis. Second, these increments in skills will predict growth in the partner's movement toward their ideal self, as well as enhanced relational satisfaction ("enhance" hypothesis). In previous research, the "Michelangelo Phenomenon" (Drigotas) has provided a reliable method for measuring one partner's assessment of the contribution of the other partner to his/her growth toward one's self ideal. Proposed analytic strategies include latent growth curve analyses (to test changes over time, with time points nested within participants) and path analyses (for mediation tests).

Result of this research will move us to a deeper psychological understanding of: 1) how virtue-specific mindfulness practices are related to the expression of virtue-specific strivings/skills, and 2) how specific virtues facilitate enhanced caring in close relationships. These results, in turn, have implications for character development theory and praxis, and to practical theologies centrally concerned with virtue formation.

Publications Related to the Project

2008

Leffel, G. M. (2008a). Who cares? Generativity and the moral emotions, Part 1: Advancing the "psychology of ultimate concerns." *Journal of Psychology and Theology*, 36, 161-181.

Leffel, G. M. (2008b). Who cares? Generativity and the moral emotions. Part 2: A "social intuitionist model" of moral motivation. *Journal of Psychology and Theology*, 36, 182-201.

Leffel, G. M., Fritz, M. E., & Stephens, M. R. (2008). Who cares? Generativity and the moral emotions, Part 3: A social intuitionist "ecology of virtue." *Journal of Psychology and Theology*, 36, 202-221.

2006

Leffel, G. M. (2006). Relational generativity: A proposed new domain of generative adult development. Paper presentation at the Western Psychological Association, Palm Springs, CA, April, 2006. Archived at PsycEXTRA, www.apa.org/psycextra.

Posters with Students

2011

Cardiel, D., Sparks, C., Games, J., Oakes Mueller, R. A., & **Leffel, G. M.** (2011). Gratitude and its specialized role in relational generativity. Poster presentation at the Western Psychological Association, April 24, Los Angeles, CA.

2010

Nickolas, G., **Leffel, G. M.**, & Oakes-Mueller, R. A. (2010). Caring as a psychological construct: Development and construct validation of the Care 4 Questionnaire, Poster presentation at the Western Psychological Association, April 24, Cancun, Mexico.

2009

Oakes Mueller, R. A., Tankersley, L., & **Leffel, G. M.** (2009). Grateful giving: Does gratitude, induced through a guided self-reflection practice, facilitate upward spirals of generative caring in

young adults? Poster presentation at the Western Psychological Association, April 24, Portland, OR.

Research Project #3

Beyond Meaning:

Spiritual Transformation in the Paradigm of Moral Intuitionism

A New Direction for the Psychology of Spiritual Transformation

Description: Our understanding of the nature and processes of spiritual transformation can be enriched by incorporating the theories and empirical findings of contemporary moral psychology and cognitive neuroscience, particularly the cognitive neuroscience of intuitive moral cognition. Moral Intuitionist Spiritual Transformation Theory (MISTT: Leffel, 2011a; 2011b; 2011c) is a new psychological theory of spiritual transformation derived from these literatures that was developed to provide such a framework. Specifically, it was constructed to meet four goals.

First, as an alternative to the presently dominant “meaning-system” approach in the psychology of spiritual transformation (Paloutizian & Park, 2005), this theory offers a moral-functionalist definition of spiritual transformation that places the *motivation and capacity* for altruistic prosociality (more than epistemic meaning-making or value-formation) at the heart of the process. Second, MISTT offers a *multilevel interdisciplinary framework* like that commended by Emmons & Paloutizian (2003) that synthesizes three socio-moral “levels” of moral personality that are relevant to the process of spiritual transformation: *moral direction* (“what” to do), *existential or cosmological meaning* (“why” to do it), and *moral motivation and capacity* (“how” to do it). Third, MISTT endeavors to integrate recent theory and research in social cognitive neuroscience that delineates three neurocognitive systems (Valuation, Narrative, Intuition) that correspond to and subserve these dimensions of spiritual transformation. Fourth, in contrast to the meaning-system approach that focuses on top-down narrative meaning, deliberative reasoning, and conscious willpower as primary determinants of moral action, this theory offers a bottom-up approach that highlights the primacy of three critical sources of moral motivation and action: *ethical intuitions*, *moral emotions*, and *moral virtues* (and *moral vices*). The eventual goal of the project is a practical model of intentional spiritual transformation that could inform character education theory and praxis, spiritually oriented, emotion-focused psychotherapy, and practical theologies centrally concerned with virtue formation. Methodological implications for a new science of system-specific spiritual practices are offered throughout these chapters. (Project progress on next page.)

Publications Related to the Project

Leffel, G. M. (2011a). Beyond meaning: Spiritual transformation in the paradigm of moral intuitionism, Introduction: Catalyzing a new science of spiritual transformation. In R. L. Piedmont & A. Village (Eds.), *Research in the social scientific study of religion*, Vol. 22 (pp. 23-28). <http://www.brill.nl/rssr>

Leffel, G. M. (2011b). Beyond meaning: Spiritual transformation in the paradigm of moral intuitionism, Part 1: Beyond meaning-system analyses. In R. L. Piedmont & A. Village (Eds.), *Research in the social scientific study of religion*, Vol. 22 (pp. 29-76). <http://www.brill.nl/rssr>

Leffel, G. M. (2011c). Beyond meaning: Spiritual transformation in the paradigm of moral intuitionism, Part 2.: A moral intuitionist approach to spiritual transformation. In R. L. Piedmont & A. Village (Eds.), *Research in the social scientific study of religion*, Vol. 22. (pp. 77-125). <http://www.brill.nl/rssr>

Leffel, G. M. (2010). "Putting on virtue": A motivation-based virtue ethics of caring for practical theology. In M. K. Armistead, B. D. Strawn, & R. W. Wright (Eds.), *Wesleyan theology and social science: The dance of practical divinity and discovery* (pp. 143-158). Newcastle, UK: Cambridge Scholars Publishing.

CHAPTERS FOR PROPOSED BOOK

Preface

Catalyzing a New Science of Spiritual Transformation

Introduction

Spiritual Transformation in the Paradigm of Moral Intuitionism

Chapter 1

Beyond Meaning: Why Meaning Is Not Enough

Chapter 2

Three Levels and Systems of Spiritual Transformation: The Basic Model

Chapter 3

Capacities of "Mature Moral Functioning" for Spiritual Transformation

Chapter 4

What "Good" is a Virtue? A Connectionist Model for Mindfulness Research

Chapter 5

A Moral Intuitionist Model of Virtuous Caring: A Model for Programmatic Research

ABOUT MICHAEL LEFFEL

Michael Leffel, Ph.D., is Professor of Psychology at Point Loma Nazarene University in San Diego, California. Before assuming this position, he was a full-time psychotherapist in private practice for 10 years, where he specialized in emotion-focused, psychodynamic therapy with individuals and couples. His therapeutic education also includes training in Martin Buber's "dialogical" existential approach. For the last twenty-one years, Dr. Leffel's writing and research has focused on generativity theory, a moral intuitionist virtue ethics of caring, the psychology of spiritual transformation, and the integration of moral psychology and practical Christian ethics. He has designed and presently teaches an applied moral psychology course entitled *Pursuing Goodness: The Science of Moral Change* that serves as the Senior capstone course for psychology majors at Pt. Loma. Additionally, he constructed and teaches a course in the psychology of religion entitled *Dante's Quest: A "Therapy of Desire" for the Psychology of Spiritual Transformation* that focuses on the integration of contemporary moral psychology and the virtue-vice tradition of Christian spirituality. Dr. Leffel has authored/co-authored a dozen articles in peer-reviewed professional journals, and most recently a new theory of spiritual transformation referred to as *moral intuitionist spiritual transformation theory*. He is a member of the Greater Good Science Center, an interdisciplinary research center at the University of California, Berkeley that disseminates the sciences of human flourishing and well-being to educators, parents, and various mental health workers. He is also a research member of the Institute for Research on Psychology and Spirituality at Rosemead Graduate School of Psychology. In addition, Dr. Leffel serves as a consultant to *The Project on the Good Physician*, a John Templeton funded initiative administered by The University of Chicago's *New Science of Virtue Project*. He serves as a peer reviewer for three scholarly journals in psychology and psychology-theology integration. Dr. Leffel is an active member of the American Psychological Association's Division of Psychology of Religion and Spirituality (Division 36), and is a co-founder of the Society for the Study of Psychology and Wesleyan Theology. Dr. Leffel earned his doctorate in Personality and Social Ecology (minor in Clinical Psychology) at the University of Illinois, Champaign-Urbana in 1986.

Ross Allen Oakes Mueller, Ph.D.

Associate Professor, Point Loma Nazarene University

Licensed Clinical Psychologist (PSY #22020)

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EDUCATION

- 2000-2006 Graduate School of Psychology
Fuller Theological Seminary
Pasadena, California
M.A. – Psychology, 2002
M.A. – Theology, 2005
Ph.D. – Clinical Psychology 2006
- 1996-2000 Brown University
Providence, Rhode Island
B.A. – Psychology, Phi Beta Kappa, Magna Cum Laude, and With Honors

TEACHING EXPERIENCE

- 8/2010-
Present **Associate Professor**
- 8/2007-
8/2010 **Assistant Professor**
Point Loma Nazarene University
San Diego, California
- Full-time undergraduate professorship position. Duties include: 12 units of teaching per semester; advising undergraduate research projects
 - Courses taught: Psychology of Personal Development; General Psychology; Clinical and Community Interventions; Moral Psychology and Cultural Values; and Research Methods and Design (I & II).
 - Extracurricular contributions: member (former Chair) of the Institutional Review Board (2009-present); member of the Institute Planning Group (2013); host professor for Teachers Noticing Teachers (TNT; 2013); member of the Summer School Task Force (2012-2013); conducted clinical assessments of pastoral candidates for the Nazarene Church at Ministerial Candidate Weekend (2012); NSO Faculty Panel Member (2012, 2010); faculty representative at the Network 9 event (2012, 2011); provided training for covenant group leaders on interpersonal issues particular to small-groups (2011, 2010, 2009, 2008); faculty advisor for the Society for the Integration of Psychology and Theology (2008-10); university representative at a regional Council for Undergraduate Research conference (2008); participant in the Science and Theology Reading Group (2007-2010).
- 11/2005-
5/2007 **Research Consultant**
Fuller Graduate School of Psychology

Pasadena, California

- Part-time position consisting of consultation on statistical and methodological issues for the “Fuller Youth Initiative” grant.
- Involved mentoring graduate student on the design and completion of her master’s thesis and the design of her doctoral dissertation.

2002-
2006 **Teaching Assistant**
Fuller Graduate School of Psychology
Pasadena, California

- Courses included:
 - “Divorced and Reconstituted Families”
Professor: James Furrow, Ph.D.
 - “Lifespan Development”
Professors: Pamela Ebstyn King, Ph.D., Jack Balswick, Ph.D.
 - “Intermediate Research Methods”
Professor: Christopher Leucht, Ph.D.

PROFESSIONAL PUBLICATIONS

- King, P. E., Oakes Mueller, R. A., & Furrow, J. (2013). Cultural and contextual issues in exemplar research. In M. K. Matsuba, P. E. King, & K. C. Bronk (Eds.), *Exemplar methods and research: Strategies for investigation. New Directions for Child and Adolescent Development*, 142, 41–58
- King, P. E., & Oakes Mueller, R. A. (2005). Cultural and contextual issues in exemplar research. *New Directions for Child & Adolescent Development*.
- Mueller, R. A. & King, P. E. (2006). Parental influence on adolescent religiosity. In E. Dowling & G. Scarlett (Eds.) *Encyclopedia of Religious and Spiritual Development in Childhood and Adolescence*. Thousand Oaks: Sage. 365-366.
- King, P. E., Dowling, E. M., Mueller, R. A., White, K., Schultz, W., Osborn, P., Dickenson, E., Bobek, D. L., Lerner, R. M., Benson, P. L., & Scales, P. C. (2005). Thriving in adolescence: The voices of youth-serving practitioners, parents, and early and late adolescents. *Journal of Early Adolescence*, 25, 94-112.
- King, P. E., Schultz, W., Mueller, R. A., Dowling, E. M., Osborne, P., Dickenson, E., & Lerner, R. M. (2005). Positive Youth Development (PYD): Is there a nomological network of concepts used in the developmental literature? *Applied Developmental Science*, 9(4), 215-227.
- King, P. E., & Mueller, R. A. (2004). Parents' influence on adolescent religiousness: Spiritual modeling and spiritual capital. *Marriage and family: A Christian journal*, 6(3), 413-425.
- Krueger, J., & Mueller, R. A. (2002). Unskilled, unaware, or both? The better-than-average heuristic and statistical regression predict errors in estimates of own performance. *Journal of Personality & Social Psychology*, 82(2), 180-188.

LAY PUBLICATIONS.

- Oakes Mueller, R. A. (March 15, 2011) Developing compassionate youth: Creating environments to grow Christ-like habits. *Nazarene Compassionate Ministries*.
http://ncm.org/news/articles/developing_compassionate_youth/ Originally written for publication on Youth Ministry Academy, a ministry of Nazarene Youth International.

PROFESSIONAL PRESENTATIONS

- Oakes Mueller, R. A., Leffel, M., Roth, V., Messier, M., Farinelli, A., & Galli Young, M. (2014, April). *Good Physician (2 of 2): Neuroticism/Burnout Inhibit Growth in Generosity*. Poster session presented at the 94th Annual Convention of the Western Psychological Association, Portland, OR.
- Roth, V., Messier, M., Farinelli, A., Galli Young, M., Oakes Mueller, R.A., & Leffel, M. (2014, April). *Good Physician (1 of 2): Moral Elevation Predicts Virtue Development*. Poster session presented at the 94th Annual Convention of the Western Psychological Association, Portland, OR.
- Ayres, K. A., Neher, A. R., Erbacher, G. A., Oakes Mueller, R. A., & Leffel, G. M. (2013, April). *Project on the Good Physician (Part 1 of 3): Evidence for the Construct Validity of a Virtue Model of Physician Caring*. Poster presented at the annual meeting of the Western Psychological Association, Reno, NV.
- Shepherd, A. M., Dahill, J. A., Oakes Mueller, R. A., & Leffel, G. M. (2013, April). *Project on the Good Physician (Part 2 of 3): Caring Virtues and the "Moral Matrix" of Clinical Decision Making*. Poster presented at the annual meeting of the Western Psychological Association, Reno, NV.
- Young, M. H., Drown, K. A., Oakes Mueller, R. A., & Leffel, G. M. (2013, April). *Project on the Good Physician (Part 3 of 3): Neuroticism and Burnout May Inhibit Expression of the Intuition to Care and of Caring Virtues*. Poster presented at the annual meeting of the Western Psychological Association, Reno, NV.
- Hussey, J., & Oakes Mueller, R.A. (2012, April). *Distress and Empathy: The Relationship Between Emotion and Prosocial Behavior*. Poster presented at the annual meeting of the Western Psychological Association, San Francisco, CA.
- Wright, T., & Oakes Mueller, R.A. (2012, April). *Predicting Prosocial Behavior: Disgust as an Obstacle to Service*. Paper presented at the annual meeting of the Western Psychological Association, San Francisco, CA.
- Wright, T., & Oakes Mueller, R.A. (2012, April). *The Role of Disgust in Predicting Prosocial Behavior*. Poster presented at the annual meeting of the Western Psychological Association, San Francisco, CA.
- Oakes Mueller, R.A., Cardiel, D., Sparks, C., & Games, J. (2010, April). *Gratitude and its Specialized Role in Relational Generativity*. Poster presented at the annual meeting of the Western Psychological Association, Cancun, Mexico.
- Rouse, R., Rice, B., & Oakes Mueller, R.A. (2010, April). *Attachment Style and Risky Sexual Behaviors: Mediating Role of Self-Esteem*. Poster presented at the annual meeting of the Western Psychological Association, Cancun, Mexico.
- Oakes Mueller, R.A. (2010, March). *How Would You Recognize a Virtue If You Saw One? Virtue as a Moral Associative Network*. Paper presented at the annual meeting of the Society for the Study of Psychology and Wesleyan Theology, Azusa Pacific University, Azusa, CA.
- Oakes Mueller, R.A. & Sando, L. (2010, March). *Using exemplar methodologies to explore positive youth development: Opportunities and challenges*. Paper presented at the bi-annual meeting of the Society for Research in Adolescence, Philadelphia, PA.
- Tankersley, L. K., Oakes Mueller, R.A., & Leffel, G. M. (2009, March). *The gratitude-generativity link in young adults: Does Gratitude, Induced through Emotion-Arousing Self-Reflection Exercises, Increase Social Skills and Promote Generativity?* Poster presented at the annual meeting of the

Western Psychological Association, Portland, OR.

Mueller, R.A. (2008, March). *Generativity after virtue: A social intuitionist model (SIM) of moral motivation*. Paper presented at the annual meeting of the Society for the Study of Psychology and Wesleyan Theology, Duke University, Durham, NC.

Whitehead, L. S., Mueller, R. A., & Furrow, J. L. (2006, March). *Survey-primed and spontaneously generated perceptions of parents' values as predictors of adolescent prosocial value endorsement*. Poster presented at the biennial meeting of the Society for Research in Adolescence, San Francisco, CA.

Mueller, R. A. & Furrow, J. L. (2005, April). *Adolescent moral identity, moral reasoning, and prosocial behavior*. Poster presented at the biennial meeting of the Society for Research in Child Development, Atlanta, GA.

King, P. E., Schultz, W., & Mueller, R. A. (2004, March). *The Thriving Indicators Project: The voices of the scholars, practitioners, youth and their parents*. Paper presented at the biennial meeting of the Society for Research in Adolescence, Baltimore, MD.

Mueller, R. A. & Furrow, J. L. (2003, April). *Moral identity and perception of shared parent-child values in prosocial adolescents*. Poster presented at the biennial meeting of the Society for Research in Child Development, Tampa, FL.

Mueller, R. A. & Furrow, J. L. (2002, April). *Shared parent-child values and prosocial adolescent outcomes*. Poster presented at the biennial meeting of the Society for Research in Adolescence, New Orleans, LA.

PLNU STUDENT MENTORING

2013-2014

Project on the Good Physician: The Role of Mentoring and Elevation on Virtue Development.

- Arianna Farinelli (PLNU Psychology Alumnus)
- Mary Galli Young (PLNU Psychology Alumnus)
- Matthew Messier (Senior, Psychology)
- Victoria Roth (Senior, Psychology)

2012-2013

Project on the Good Physician: Evidence for the construct validity of a moral intuitionist model of virtuous caring.

- Kimberly A. Ayres (Junior, Psychology)
- Jansen O. Dahill (Senior, Psychology)
- Kara N. Drown (Senior, Psychology)
- Gina K. Erbacci (Senior, Psychology)
- Alexa R. Neher (Senior, Psychology)
- Abigail M. Shepherd (Senior, Psychology)
- Mary Galli Young (Senior, Psychology)

2011-2012

Distress and Empathy: The Relationship Between Emotion and Prosocial Behavior.

- Jonathan Hussey (Senior, Psychology) – Presented as Honors Project

2010-2012

The Elicitors and Effects of Disgust: Exploring the Reciprocal Relationship of Emotion and Prosocial Behavior.

- Tasha Wright (Junior/Senior, Psychology) – Presented as Honors Project

2009-2010

Mimetic Virtue, Moral Emotions, and the Michelangelo Phenomenon.

- Dane Cardiel (Senior, Psychology)
- John Games (Senior, Psychology)
- Carrie Sparks (Senior, Psychology)

2008-2009

Attachment Style and Risky Sexual Behavior: The Mediating Role of Contingent and Relation Based Self-Esteem.

- Brittany Rice (Senior, Psychology)
- Rebecca Rouse (Senior, Psychology)

Sexuality and Religiousness: Exploring the Beliefs and Practices Young Adults.

- Jenna Ross (Senior, Psychology)

The Gratitude-Generativity Link in Young Adults: Does Gratitude, Induced through Emotion-Arousing Self-Reflection Exercises, Increase Social Skills and Promote Generativity?

- Lisa Tankersley (Senior, Psychology)

UNPUBLISHED PAPERS

Manuscript in Preparation: Leffel, G. M., Oakes Mueller, R. A., Ayres, K. A., Dahill, J. A., Drown, K. A., Erbacci, G. A., Neher, A. R., Shepherd, A. M., Young, M. H., Yoon, J. D., & Curlin, F. A. *Project on the Good Physician: Evidence for the construct validity of a moral intuitionist model of virtuous caring.*

Manuscript in Preparation: Wright, N. E. & Oakes Mueller, R. A. *The Other Glass Floor: Disgust as a Barrier to Serving the Homeless.*

Doctoral Dissertation: *Values and Identity in Prosocial and Delinquent Youth: The Contribution of Value Endorsement, Value Salience, and Moral Identity to Behavior*, Fuller Theological Seminary, Co-Chairs: Linda Wagener, Ph.D. & James Furrow, Ph.D. (defended July, 2005)

Master's Thesis: *Moral Identity and the Perception of Shared Parent-Child Values in Prosocial Adolescents*, Fuller Theological Seminary, Advisor: Linda Wagener, Ph.D. (completed October, 2003)

HONORS AND ACTIVITIES

- John Stauffer Memorial Merit Fellowship – 2005 – Fuller Theological Seminary
- Dean's List – 2001, 2002, 2003, 2004, 2005 – Fuller Theological Seminary
- Phi Beta Kappa, 2000 – Brown University
- Magna Cum Laude, 2000 – Brown University
- Graduation with Honors, 2000 – Brown University
- Harold Schlosberg Memorial Premium in Psychology, 2000 – Brown University (awarded for excellence in academic writing on Senior Honors Thesis)

ASSOCIATION MEMBERSHIPS

- American Psychological Association
- Western Psychological Association (2008-2010, 2012-2014)
- Society for Research in Child Development (2003-2006)

CONTRIBUTIONS TO THE UNIVERSITY

- Institute Planning Group (Summer, 2013) – Participated in a task force to propose and request grant funds for a university center/institute in the area of practical engagement of Christian faith, science and culture
- IRB Committee – Served as member (2009-2010; 2012-2013); and as Chair (2010-2012)
- Host Professor for Teachers Noticing Teachers (TNT; 2013)
- Served as chair for four faculty votes (Spring, 2013; Spring, 2012; Spring, 2010; Fall, 2009)
- Summer School Task Force (2012) – Spearheaded data collection and analysis to inform recommendations for PLNU summer school recruiting and offerings
- Conducted clinical assessments of pastoral candidates for the Nazarene Church at Ministerial Candidate Weekend, organized by the PLNU Center for Pastoral Leadership (Fall, 2012)
- NSO Faculty Panel Member (Fall, 2012; Fall, 2010)
- Faculty Representative for Network 9 event, hosted by OSV (Spring, 2012; Spring, 2011)
- Invited speaker to provide instruction to covenant group leaders regarding the leadership and development of small-groups (Fall 2011; Fall 2010; Fall 2009; Fall 2008)
- Invited speaker at Gender Convocation for PSY 101 (Spring & Fall 2011; Spring & Fall 2010; Spring & Fall 2009; Spring & Fall 2008; Fall 2007)
- Faculty Sponsor for Society for the Integration of Psychology and Theology (2008-2010)
- Chaperoned students to a regional conference on Positive Psychology (“The Science of a Meaningful Life: Forgiveness and Mindsight” at UCLA in Fall 2009)
- Chaperoned multiple students each year to Fuller Theological Seminary’s annual Integration Symposium (Spring 2013; Spring 2012; Spring 2011; Spring 2010; Spring 2009; Spring 2008)
- Participated multiple lunch-meetings with prospective professors for other departments in PLNU
- Chaperoned students to the annual conference of the Society for the Study of Psychology and Wesleyan Theology at Azusa Pacific University (Spring 2010) and at Duke University (Spring 2008)
- Attended Council for Undergraduate Research conference, and helped to develop plan for enhancing PLNU’s faculty engagement of students in research (Spring 2008)

CONTINUING EDUCATION

- Fuller Symposium on the Integration of Faith and Psychology: “Speak to me that I may hear: Clinical work with Evangelicals in transition” by Marie Hoffman (February, 2013)
- Jungian Psychotherapy: Understanding the Jungian Worldview (June, 2012)
- Behavioral Economics, Impulsivity, & Health Decision Making (April, 2012)
- Burnout and Engagement in the Workplace (April, 2012)

- The Longevity Project: The 8-Decade Study of Staying Healthy and Living Long (April, 2012)
- International Immersion Learning in Higher Education (April, 2012)
- Cultural Competency: Necessity or Political Correctness? (April, 2012)
- An Introduction to Item Response Theory (April, 2012)
- Fuller Symposium on the Integration of Faith and Psychology: “Schizophrenia and Human Flourishing: Science, Service, Community, and Church” (February, 2012)
- The Lucifer Effect: Understanding How Good People Turn Evil (June, 2011)
- Fuller Symposium on the Integration of Faith and Psychology: “Reflections on God and Mental Illness” by Stanley Hauerwas (February, 2011)
- Psychology, Mimetic Virtue, and Christian Ethics (March, 2010)
- Fuller Symposium on the Integration of Faith and Psychology: “Psychology Of, With and For the Poor” (February, 2010)
- Integral Psychology (December, 2009)
- The Biology, Sociology, and Psychology of Aging Well (December, 2009)
- The Science of a Meaningful Life: Forgiveness and Mindsight (October, 2009)
- The Neurorelational Framework: Understanding Behavior from the Cradle to the Cane (October, 2009)
- Desire, Conflict & Religion: Clinical Implications of Girardian Theory (October, 2009)
- Ethics and Character: A Jungian Perspective (May, 2009)
- Fuller Symposium on the Integration of Faith and Psychology: “The Pearls and the Perils: Practicing Psychology in Mission and Aid Settings” (February, 2009)
- Fuller Symposium on the Integration of Faith and Psychology: “Religion and Therapy: Future Directions” by Marsha Linehan (February, 2008)

PREVIOUS EMPLOYMENT

- 9/2006-
8/2007 **Post-Doctoral Resident**
Family Stress Center
North Hills, California
Primary Supervisors: Diane Studna, Psy.D., Licensed Psychologist; Micah Orliss, Ph.D., Licensed Psychologist
- Full-time clinical position in which I received advanced training in family therapy, individual and group therapy for children, supervision of clinicians, the forensic assessment of children’s sexual exposure, and child and adolescent assessment.
 - Supervised one “extern” level pre-doctoral student in her clinical work.
- 2005-
2006 **Pre-Doctoral Intern**
VA Los Angeles Ambulatory Care Center
Los Angeles, California
Primary Supervisors: Stephen Strack, Ph.D., Licensed Psychologist; Susan Steinberg, Ph.D., Licensed Psychologist; Herb Goldenberg, Ph.D., Licensed Psychologist
- Full-time clinical position in which I received training and provided therapy in the following modalities: family and couples therapy, cognitive-behavioral therapy,

cognitive restructuring therapy, time-limited dynamic psychotherapy, group psychotherapy, and group psychoeducation.

2000-
2005

Research Fellow

Center for Research On Child and Adolescent Development
Fuller Theological Seminary
Pasadena, California

Supervisors: James Furrow, Ph.D.; Linda Wagener, Ph.D.; Pamela Ebstyne King, Ph.D.; Sofia Herrera, Ph.D.

- Part-time research position in which I aided in the literature review, design, implementation, data collection, analysis, and writing/presentation of multiple studies within the domains of Positive Youth Development, adolescent spiritual development, parent-child value transmission, and adolescent moral development.
- Provided mentoring in theory, empirical design, data analysis, and write-up/presentation to two graduate-level students.

2002-
2005

Student Supervisor

Fuller Psychological and Family Services
Pasadena, California

Supervisors: Steve Simpson, Ph.D., Licensed Psychologist; and Timothy Kelly, Ph.D., Licensed Psychologist

- Part-time clinical supervisory position in which I supervised the clinical work of 17 first-year clinical students as a part of their Clinical Foundations training, including video observation of clinical sessions, in the modality of client-centered therapy.
- Provided didactic instruction in various topics of professional development

REFERENCES

Linda Wagener, Ph.D., Assistant Dean

Graduate School of Psychology
Fuller Theological Seminary
180 N. Oakland Ave.
Pasadena, CA 91101
(626) 584-5603
lwagener@fuller.edu

Pamela Ebstyne King, Ph.D.

Graduate School of Psychology
Fuller Theological Seminary
180 N. Oakland Ave.
Pasadena, CA 91101
(626) 584-5526
pamking@fuller.edu

James Furrow, Ph.D.

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Susan Steinberg, Ph.D.

VA Los Angeles Ambulatory Care Center
Psychology Service (116B)
351 E. Temple St.
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Kim W. Schaeffer, Ph.D.
Point Loma Nazarene University
Department of Psychology
3900 Lomaland Drive
San Diego, CA 92106-2899
(619) 849-2466

CA Licensed Psychologist (PSY 12430)

Education

Veterans Administration Medical Center
Memphis, TN 38104

Program: Psychology Internship (APA-Accredited)
Dates: Sept., 1988--Aug., 1989

Oklahoma State University
Stillwater, OK 74078

Program: Clinical Psychology (APA-Accredited)
Dates: Aug., 1986--Aug., 1989

The University of Oklahoma Health Sciences Center
Oklahoma City, OK 73190

Program: Biological Psychology
Degrees: M.S., 1985
Ph.D., 1986

Honors: Colin Munro MacLeod Fellow
Oklahoma Medical Research Foundation (1982-1986)

Southern Nazarene University
Bethany, OK 73008

Major: Psychology
Degree: B.S., 1981 (Magna cum laude)

Professional Experience

Point Loma Nazarene University
San Diego, CA 92106

Dates: September, 1989--present
Position: Professor of Psychology
Dates: July, 2006 – December, 2006
Position: Acting Chair, Department of Psychology
Dates: May, 1996 – May, 2001
Position: Chair, Department of Psychology

Veterans Administration Medical Center
Memphis, TN 38104

Dates: September, 1988--August, 1989
Position: Psychology Intern
Rotations: Major rotations: neuropsychology, rehabilitative medicine, and inpatient psychiatry. Minor rotations: personality assessment, and outpatient psychotherapy.

Psychological Services Center
Stillwater, OK 74078

Dates: August, 1986--July, 1988
Position: Psychological Associate

Marriage and Family Counseling Services
Stillwater, OK 74078

Dates: June, 1987--May, 1988
Position: Counseling Associate

Guthrie Job Corps Center
Guthrie, OK 73044

Dates: Aug., 1987--July, 1988
Position: Mental Health Associate

Center for Alcohol and Drug Related Studies
Oklahoma City, OK 73104

Dates: September, 1986--July, 1988
Position: Research Associate

Veterans Administration Medical Center
Oklahoma City, OK 73104

Dates: September, 1985--July, 1986
Position: Neuropsychology Research Laboratory Director
Dates: January, 1982--August, 1985
Position: Research Assistant

Presentations and Publications

Meza, R., Cheney, D., O'Brien, K., Scherer, J., Owen, C., & Schaeffer, K.W. (April, 2014). *The Effects of Facial and Body Expressions on Approachability*. Poster session presented at the 94th Annual Convention of the Western Psychological Association, Portland, OR. Publication: <http://www.PsychFileDrawer.org/replication.php?attempt=MTg5>.

Collier, B., Hubbard, M., Owen, C., & Schaeffer, K.W. (April, 2013). *The Effects of Flow on Positive Affect in College Students*. Poster presented at the 93rd Annual Convention of the Western Psychological Association. San Francisco, CA.

Owen, C.E., Corrado, S.L., & Schaeffer, K.W. (April, 2012). *The Effects of Attachment on the Likelihood of Forgiveness*. Poster presented at the 92nd Annual Convention of the Western Psychological Association. San Francisco, CA.

Tychsen, Z., Cambridge, F., & Schaeffer, K.W. (April, 2011). *Psychological Well-Being in Female and Male Freshmen*. Poster presented at the 91st Annual Convention of the Western Psychological Association. Los Angeles, CA.

Richardson, K., Tychsen, Z., Blauer, C., & Schaeffer, K.W. (April, 2010). *The Intrapersonal Emotions of Shame and Guilt*. Poster presented at the 80th Annual Convention of the Rocky Mountain Psychological Association. Denver, CO.

Penner, J., Backiel, S., Baucum, L., & Schaeffer, K.W. (April, 2010). *Personal Growth in College Freshmen and Seniors*. Poster presented at the 80th Annual Convention of the Rocky Mountain Psychological Association. Denver, CO.

Johnsen, J., Peterson, C., Cambridge, F., & Schaeffer, K.W. (April, 2010). *Do Students Become More Forgiving While Attending a Christian College?* Poster presented at the 80th Annual Convention of the Rocky Mountain Psychological Association. Denver, CO.

- Bedford, S., & Schaeffer, K. W. (2009, April). *Effects of prayer and mantra repetition on stress level*. Poster session presented at the 89th Annual Convention of the Western Psychological Association, Portland, OR.
- Luginbuhl, P. J., Schaeffer, K. W., Weg, M. T., Powers, S. M., Jarvinen, M. J., & Smee, R. W. (2006, April). *The influence of personality and self-esteem on happiness*. Poster session presented at the 86th Annual Convention of the Western Psychological Association, Palm Springs, CA.
- Flores, S., Barnes, C., Bunker, D., Enriquez, R., Moltzner, K., Tovar, R., & Schaeffer, K. W. (2006, April). *Positive Psychology education: Its effects on self-concept, optimism, and happiness*. Poster session presented at the 86th Annual Convention of the Western Psychological Association, Palm Springs, CA.
- Huff, T. L. P., Young, K. G., Kennedy, E. M., & Schaeffer, K. W. (2005, April). *The relationship between positive psychology education and the five factors of personality*. Poster session presented at the 75th Annual Convention of the Rocky Mountain Psychological Association, Phoenix, AZ.
- Aranda, B., Klabunde, M., Kirdendall, B., & Schaeffer, K. W. (2004, May). *The influence of positive psychology groups on optimism and self-concept*. Poster session presented at the 13th Annual UCLA Psychology Undergraduate Research Conference, Los Angeles, CA.
- Nordella, J., Schaeffer, K. W., Blair, C., O'Donnell, T., & Purdin, J. (2004, April). *Optimism training: Its effect on self-concept and optimism levels*. Poster session presented at the 84th Annual Convention of the Western Psychological Association, Phoenix, AZ.
- Reyes, K., Stark, S., Statler, K., & Schaeffer, K. W. (2002, April). *Involvement of commuters versus residents on a primarily residential campus*. Poster session presented at the 82nd Annual Convention of the Western Psychological Association, Irvine, CA.
- Slovak, J., Berry, B., Kwiatkowski, L., Guthrie, M., & Schaeffer, K. (2002, April). *Reliability and validity of a retention instrument*. Poster session presented at the 31st Annual Western Psychology Conference for Undergraduate Research, Santa Clara, CA.
- Kion, K. & Schaeffer, K. (2001, April). *Retention of university freshmen: Undecided versus not intending to return students*. Poster session presented at the 71st Annual Convention of the Rocky Mountain Psychological Association, Reno, NV.
- Ayers, S., Genovese, M., Williams-Medina, A., Schaeffer, K. W. (April 2000). *Predicting Retention: A Look at the Undecided Student*. Poster session presented at the annual meeting of the Western Psychological Association, Portland, Oregon.
- Schaeffer, K.W., Hyde, R.A., Kroenke, T., McCormick, B., & Nottebaum, L. (2000). Religiously-motivated sexual orientation change. *Journal of Psychology and Christianity*, 19, 61-70
- Fraser, S., & Schaeffer, K. W. (April 1999, April). *Freshmen Retention Based on Students' Intent to Return*. Poster session presented at the annual meeting of the Western Psychological Association, Irvine, CA.
- Schaeffer, K.S., Nottebaum, L., Smith, P., Dech, K., & Krawczyk, J. (1999). Religiously-motivated sexual orientation change: A follow-up study. *Journal of Psychology and Theology*, 27, 329-337.
- Brown, P. K., Lim, K. E., & Schaeffer, K. W. (1998, April). *A retention study based on students' intent to return*. Presented at the annual convention of the Western Psychological and Rocky Mountain Psychological Association, Albuquerque, NM.
- Sloan, A. K., Holly, K. A., & Schaeffer, K. W. (1998, April). *Comparison of self-concept from divorced and intact families*. Presented at the annual convention of the Western Psychological and Rocky Mountain Psychological Association, Albuquerque, NM.

- To, S., Ovando, S., & Schaeffer, K. W. (1998, April). *The anagram task: A tool for measuring persistence*. Presented at the annual convention of the Western Psychological and Rocky Mountain Psychological Association, Albuquerque, NM.
- Bentley, J. K., Plaxton, C., & Schaeffer, K. W. (1997, April). *Exercise motivation in college students*. Presentation at the 67th Annual convention of the Rocky Mountain Psychological Association, Reno, NV.
- Ovando, C., Hubbs, T., & Schaeffer, K. W. (1996, April). *The anagram task as a measure of persistence*. Poster session presented at the 66th Annual Convention of the Rocky Mountain Psychological Association, Park City, Utah.
- Nixon, S. J., Parsons, O. A., Schaeffer, K. W., & Hale, R. L. (1995). A methodological study of the Shipley Institute of Living Scale in alcoholics and non-alcoholics: Reliability, discriminating items, and alternate forms. *Applied Neuropsychology*, 2, 155-160.
- Sapp, M., Kiker, L., Wiley, S., & Schaeffer, K. W. (1995, March). *Reliability and validity of an anagram task*. Poster session presented at the 75th Annual Convention of the Western Psychological Association, Los Angeles, CA.
- Cardoza, N., Horton, M., Wylie, S., & Schaeffer, K. W. (1994, April). *Class rank as a function of motivation and verbal achievement*. Poster session presented at the 64th Annual Convention of the Rocky Mountain Psychological Association, Las Vegas, NV.
- Parsons, O. A., Schaeffer, K. W., & Glenn, S. W. (1990). Does neuropsychological test performance predict resumption of drinking in post-treatment alcoholics? *Addictive Behaviors*, 15, 297-307.
- Schaeffer, K. W., & Parsons, O. A., & Errico, A. L. (1989). Performance deficits on tests of problem solving ability in alcoholics: Cognitive or motivational impairment? *Journal of Substance Abuse*, 1, 381-392.
- Errico, A. L., Parsons, O. A., & Schaeffer, K. W. (1988, April). *Familial alcoholism, locus of control and affect in male alcoholics*. Poster session presented at the 34th Annual Convention of the Southwestern Psychology Association, Tulsa, OK.
- Everett, M., Parsons, O. A., & Schaeffer, K. W. (1988). Learning impairment in male and female alcoholics. *Archives of Clinical Neuropsychology*, 3, 203-211.
- Nixon, S. J., Parsons, O. A., Schaeffer, K. W. & Hale, R. L. (1988). Subject selection biases in alcoholic samples: Effects on cognitive performance. *Journal of Clinical Psychology*, 44, 831-836.
- Patterson, B. W., Parsons, O. A., Schaeffer, K. W., & Errico, A. L. (1988). Interpersonal problem-solving in alcoholics. *Journal of Nervous and Mental Disease*, 176, 707-713.
- Schaeffer, K. W., & Parsons, O. A. (1988). Learning and memory test performance in alcoholics as a function of monetary incentive. *International Journal of Neuroscience*, 38, 311-319.
- Schaeffer, K. W., Parsons, O. A., & Errico, A. L. (1988). Male alcoholics' abstracting ability, depressive symptoms and childhood behavior disorders as a function of family history of alcoholism. *Alcoholism: Clinical and Experimental Research*, 12, 617-618.
- Yohman, J. R., Schaeffer, K. W., & Parsons, O. A. (1988). Cognitive training in alcoholics. *Journal of Consulting and Clinical Psychology*, 56, 67-72.
- Errico, A. L., Patterson, B. W., & Schaeffer, K. W. (1987, April). *Interpersonal problem solving deficits in male alcoholics: Family history effects*. Poster session presented at the 33rd Annual Convention of the Southwestern Psychology Association, New Orleans, LA.
- Patterson, B. W., Williams, H. L., McLean, G. A., Smith, L. T., & Schaeffer, K. W. (1987). Alcoholism and family history of alcoholism: Effects on visual and auditory event-related potentials. *Alcohol*, 4, 265-274.
- Schaeffer, K. W., & Parsons, O. A. (1987). Learning impairment in alcoholics using an ecologically relevant test. *Journal of Nervous and Mental Disease*, 175, 213-218.

- Schaeffer, K. W., & Parsons, O. A. (1987, April). *Learning/memory in alcoholics as a function of monetary incentive*. Poster session presented at the 33rd Annual Convention of the Southwestern Psychology Association, New Orleans, LA.
- Schaeffer, K. W., & Parsons, O. A. (1986). Drinking practices and neuropsychological test performance in sober male alcoholics and social drinkers. *Alcohol*, 3, 175-179.
- Schaeffer, K. W., & Parsons, O. A. (1985, March). *Learning impairment in alcoholics using an ecologically valid test*. Poster session presented at the 3rd Annual Spring Conference of the Oklahoma Psychological Association to Encourage and Develop Psychological Research, Oklahoma City, OK.
- Schaeffer, K. W., Parsons, O. A., & Yohman, J. R. (1984). Neuropsychological differences between male familial and nonfamilial alcoholics and nonalcoholics. *Alcoholism: Clinical and Experimental Research*, 8, 347-351.
- Parsons, O. A., Schaeffer, K. W., & Yohman, J. R. (1983, April). *Neuropsychological differences between male familial and nonfamilial alcoholics and nonalcoholics*. Subjects at risk for alcoholism: Recent findings. Symposium conducted at the meeting of the National Alcoholism Forum, Houston, TX.
- Parsons, O. A., Yohman, J. R., Purvis, J., Schaeffer, K. W., & Patterson, B. (1983, November). *Cognitive retraining in alcoholics: work in progress*. Paper presented at the 37th Annual Convention of the Oklahoma Psychological Association, Tulsa, OK.
- Schaeffer, K. W., & Hill, K. (1981, November). *Effects of experimenter's sex and references to higher authority on obedience to authority*. Poster session presented at the 35th Annual Convention of the Oklahoma Psychological Association, Tulsa, OK.

Professional Affiliations

American Psychological Association
 American Psychological Society
 Sigma Xi
 Psi Chi

PLNU Committee Membership

2011-present	Psychology Department Assessment Committee
2011	Institutional Review Board
2010-2013	Social Ethos Committee
2004-2010	General Education Committee
2004-2007	WASC Capacity and Preparatory Review: Data Portfolio Committee WASC Educational Effectiveness: Program Review Committee
2001-2002	Human Subjects Committee Teacher Education Committee
1996-2001	Academic Policy Committee
1995-1996	First Year Experience Committee

1993-1995	Faculty Council
1992-1995	Rank and Tenure Committee
1991-1993	Graduate Studies Committee
1990-1991	Advisement and Guidance Committee Student Financial Aid Committee
1989-1991	Resource Center Advisory

Continuing Education

2011	Counseling Advances Conference. U.S. Journal Training, Inc. and The Institute for Integral Development. Las Vegas, NV.
2009	The 15 th Annual Counseling Skills Conference. U.S. Journal Training, Inc. and The Institute for Integral Development. Las Vegas, NV.
2009	The 7 th Las Vegas Conference on Adolescents and Young Adults. U.S. Journal Training, Inc. and The Institute for Integral Development. Las Vegas, NV.
2008	The 2 nd Annual Conference on Therapeutic and Alcohol/Drug Interventions. U.S. Journal Training, Inc. and The Institute for Integral Development. Las Vegas, NV.
2007	The 13 th Annual Counseling Skills Conference (including the Pre-Conference Ethics Workshop). U.S. Journal Training, Inc. and Faces Conferences. Las Vegas, NV.
2006	Aging and Long Term Care. Association for Advanced Training in the Behavioral Sciences. Web-based CE.
2005	Emerging Issues Conference: Trauma and Violence, Substance Abuse, Couples and Adolescents (including Ethics workshop). Faces Conferences. Las Vegas, NV.
2004	The 6 th Annual Fall Las Vegas Conference: Healing and Treating Violence, Anger and Trauma. Faces Conferences (including Domestic Violence workshop). Las Vegas, NV.
2004	The 6 th Annual Mastering Counseling Skills with the Masters Conference (including Ethics workshop). Faces Conferences. Las Vegas, NV.
2003	The 5 th Annual Mastering Counseling Skills with the Masters Conference (including Ethics workshop). Faces Conferences. Las Vegas, NV.
2002	Emotional Intelligence. Psycho-Legal Associates Inc. San Diego, CA.
2002	California Psychological Association Convention. Pasadena, CA
2001	The Immune System. CorText Mind Matters Educational Seminars. Escondido, CA.
2000	Coaching Fundamentals; Law and Ethics: Beyond the Basics. Psycho-Legal Associates, Inc. San Diego, CA.
1999	The 34 th Annual Symposium on the Recent Developments in the Use of the MMPI-S and MMPI-A. Sponsored by MMPI-2 Workshops and the University of Minnesota. Huntington Beach, CA.

- 1999 Memory. Institute for Cortex Research and Development. San Diego, CA.
- 1999 Improving Functional Outcomes in Individuals with Psychotic Disorders. University of California, San Diego School of Medicine Department of Psychiatry. San Diego, CA.
- 1998 PTSD, Trauma and Dissociation: enhancing Diagnosis and Treatment. CME, Inc. Monterey, CA.
- 1997 Practical Advances in Psychology: Psychopharmacology, Geriatrics, Substance Abuse, ADHD Children and Women. CME, Inc. Walnut Creek, CA.
- 1996 Substance Abuse Workshop. A Workshop by the California Psychological Association. San Diego, CA.
- 1995 Memory, Sexual Trauma and the Law: What Therapists, Survivors and Families Need to Know. A Workshop by Charter Behavioral Health Systems of Dallas. San Diego, CA.
- 1994 The 74th Annual Convention of the Western Psychological Association. Kona, HI.
- 1994 Faculty Portfolios: A New Way to Document Excellence in Teaching. Fall Conference of ICCUFA. San Diego, CA.
- 1993 Collaborative Strategies for Student Learning and Faculty Renewal. The 9th Annual Faculty Regional Workshops Sponsored by the Council of Independent Colleges. Costa Mesa, CA.
- 1992 The Fourth Annual Convention of the American Psychological Society. San Diego, CA.
- 1992 The Freshman Year Experience: Freshman Experience Resource Seminar. Tempe, AZ.
- 1991 California Oral Examination Workshop: Psychology Licensing Exam Review. Los Angeles, CA.
- 1990 Child Abuse Workshop. California School of Professional Psychology, San Diego, CA.
- Human Sexuality Workshop. California School of Professional Psychology, San Diego, CA.
- Preparation for the Examination for the Professional Practice in Psychology. Home study course.

Community Service

- 2000-present Founding member of the C. Eugene Mallory Endowed Scholarship
- 1997-2000 Crusader Sports Associates Board of Directors
- 1989-1999 Health Professions Advisory Committee
- 1990-1995 Sunset Cliffs Natural Park Recreation Council
- 1993-1995 Psi Chi Advisor (including charter year)

1992-1993 Advisor for Charter Membership of Psi Chi

1989-1993 Psychology Club Advisor

John T. Wu

Curriculum Vitae

Personal Data

Address: Business
3900 Lomaland Drive, Culbertson Hall 207
Point Loma Nazarene University
San Diego, CA 92106
(619) 849-2464

Email: johnwu@pointloma.edu

Education

- Ed.D.** **Harvard University Graduate School of Education**
1992, Counseling and Consulting Psychology
 Dissertation: The relationship between ethnic identity and
 achievement motivation in Chinese Americans and Filipino
 Americans.
- Massachusetts Licensed Psychologist, 1994
- California Licensed Psychologist, PSY 14391, 1996
-
- Ed.M.** **Harvard University Graduate School of Education**
1988, Counseling and Consulting Psychology
-
- B.A.** **University of California, Irvine**
1987, Psychology
 Magna Cum Laude
-
- B.S.** **University of California, Irvine**
1987, Information and Computer Science
 Magna Cum Laude

Professional Work

Point Loma Nazarene University

Professor of Psychology, Tenured

2001 to present

- Chair of Psychology Department from 2011
- Undergraduate course instruction, research oversight, administrative committee work, advising to 35-45 students, and departmental service. Designated as Area Chair for Small Groups.
- Courses taught include:
 - PSY 308 Developmental Psychology Birth to Adolescence
 - PSY 305 Developmental Psychology: Childhood
 - PSY 321 Abnormal Psychology
 - PSY 325 Counseling and Community Interventions
 - PSY 340 Introduction to Clinical and Community Interventions
 - PSY 370 Individual Psychotherapy
 - PSY 380 Family Therapy
 - PSY 341 Group Counseling
 - PSY 345 Group Dynamics
 - PSY 350 Clinical and Research Assessment
 - PSY 490 Intimate Couples
 - PSY 499 Individual Research
- Committees include:
 - Tenure Committee 2012- present, Chair Spring 2014
 - WASC Advisory Committee 2010-2012
 - Faculty Council 2009-2011
 - Nomination Committee Liaison 2009-2011
 - WASC Steering Committee 2004-2007
 - WASC Liaison to the Diversity Committee
 - Computer Committee, 2002
 - Instructional Technology Faculty Taskforce, 2003
 - Pre-Med committee (interview prospective medical school students), 2004
- Special Involvements
 - Summer 2011 Participated in TILE Technology Course
 - Spring 2011 Trained Peer Counselors on Healthy Relationships.
 - Spring 2009 Teachers Noticing Teachers On Tape: Current Professors of Excellence. One hour professionally produced video interview regarding teaching philosophy and techniques.
 - Spring 2006 Teachers Noticing Teachers model professor. This program enhances teaching by allowing faculty to observe and learn from model professors within the semester.

- Spring 2003 Wesley and Vocation, faculty seminar. This weekly seminar met throughout the spring semester to discuss vocational readings, speakers, and our own life experience.
- Spring 2002 First Things, faculty seminar. This biweekly faculty reading group focused on Christian Liberal Arts Education and was sponsored by the Center for Teaching and Learning and Provost Allen.
- Fall 2001 I participated in the semester long New Faculty Seminar.

**Senior Psychologist
Celebration Counseling
2001 to present**

- Provide individual and couples counseling to adults and young adults for a variety of interpersonal and intrapersonal issues.

**Mesa College
Adjunct Faculty
1996 to 2001, part-time**

- Taught *General Psychology*, a psychology survey course, with 40-50 undergraduate students.

**University of California, San Diego
Counseling Psychologist II
Psychological and Counseling Services
1994 to 2001, full-time**

- Conducted individual, group, and couples counseling with undergraduate and graduate students.
- Taught Summer Bridge, a month long intensive program for entering first year low income and underrepresented students.
- Instructed and supervised Group on Groups, a yearlong seminar on group therapy theory and process for APA Pre-doctoral Interns.
- Supervised and taught APA Pre-doctoral Interns.
- Trained student leaders.
- Made numerous campus presentations on psycho-educational topics.

**Northeastern University
Staff Psychologist
1991-1994, full-time**

- Conducted career testing and counseling.
- Provided individual and group therapy to students, staff, and faculty.

- Served on the President's Diversity Advisory Committee.
- Helped originate the Asian American Faculty and Staff Association.
- Provided workshops and outreach to residential students.
- Provided crisis consultation to residential life staff.

University of California, San Diego

Pre-Doctoral Psychology Intern, Psychological and Counseling Services,

1990-1991, full-time

- Provide individual, couples, and group therapy.
- Conduct multicultural outreach, and teach workshops in this APA-approved internship.

Harvard University, Graduate School of Education

Teaching Assistant, *Psychosocial Epidemics of School-Aged Children and Youth*

1988-1989, part-time

- Facilitated two weekly discussion sections, advised graduate students, graded papers, and lectured on adolescent gangs.

Research and Presentations

- Pendakur, R., Tibbs, J., Von Striver, L.T., Wu, J.T., Oakes Mueller, K., & Owen, C.(2014). *Associations Between Childhood Attachment and Brain System Inventories*. Presented at the 94th Western Psychological Association Conference. Portland, OR.
- Tibbs, J., Pendakur, R., Von Striver, L.T., Wu, J.T., Oakes Mueller, K., & Owen, C.(2014). *Associations Between Physical and Emotional Neglect and Brain System Inventories*. Presented at the 94th Western Psychological Association Conference. Portland, OR.
- Munoz, M.M., Furtado, T.P., Vaillancourt, A.A., Wu, J.T., & Oakes Mueller, K.L. (2013). *The Effects of Early Trauma Clusters on Marriage Satisfaction*. Poster symposium presented at the Western Psychological Association Annual Convention, Reno, NV.
- Vaillancourt, A.A., Furtado, T.P., Munoz, M.M., Oakes Mueller, K.L., & Wu, J.T. (2013). *The Effects of Brain Region Functioning on Marriage Satisfaction*. Poster symposium presented at the Western Psychological Association Annual Convention, Reno, NV.

- Vaillancourt, A.A., Nelson, V., Oakes Mueller, K.L., & Wu, J.T. (2012 April). *Communication and Help Seeking Preferences Across Three Asian American Populations*. Poster presented at the Western Psychological Association 2012 Annual Conference, San Francisco, CA.
- Nelson, V., Vaillancourt, A.A., Wu, J.T., & Oakes Mueller, K.L. (2012 April). *Premarital and Marital Behaviors Across Three Asian American Populations*. Poster presented at the Western Psychological Association 2012 Annual Conference, San Francisco, CA.
- Petti, L. E., Ozuna, G. B., Wehrle, C. P., and Wu, J. T. (2011, April). *Marital Help Seeking Preferences in Asian, Latino, and White Couples*. Poster presented at the Western Psychological Association 2011 Annual Conference, Los Angeles, CA.
- Bomba, J. L., Saldine, E. J., Schaffner, N. L., Hoshiko, H. A., and Wu, J. T. (2010, April). *Comparing Premarital and Current Marriage Behaviors Among Asian, Latino, and White Couples*. Poster presented at the Rocky Mountain Psychological Association 2010 Annual Conference, Denver, CO.
- Hoshiko, H. A., Schaffner, N. L., Saldine, E. J., Bomba, J. L., and Wu, J. T. (2010, April). *Marriage Communication in Same Race and Interracial Asian, Latino, and White Couples*. Poster presented at the Rocky Mountain Psychological Association 2010 Annual Conference, Denver, CO.
- Nada, A. R., Bomba, J. L., Corrado, S. L., Cramer, K. L., and Wu, J. T. (2009, April). *Marital Satisfaction in Relation to Premarital, Current, and Web Behaviors*. Poster session presented at the Western Psychological Association Annual Convention, Portland, OR.
- Cramer, K. L., Corrado, S. L., Bomba, J. L., Nada, A. R., and Wu, J. T. (2009, April). *Asian, Latino, and White Interracial and Same Race Marriage Assessment*. Poster session presented at the Western Psychological Association Annual Convention, Portland, OR.
- Radke, K. E, Tardie, L. E., Corrado, S. L, and Wu, J. T. (2008, April). *A deeper understanding of attachment quality and psychological distress*. Poster session presented at the Western Psychological Association Annual Convention, Irvine, CA.

- Corrado, S. L., Tardie, L. E., Radke, K. E, and Wu, J. T. (2008, April). *Marital satisfaction in Asian American couples: a pilot study*. Poster session presented at the Western Psychological Association Annual Convention, Irvine, CA.
- Miles, C., Tablak, A., Pearce, C., Parra, V., & Wu, J. (2007, April). *The connection between attachment quality and psychological distress*. Poster session presented at the Rocky Mountain Psychological Association Annual Convention, Denver, CO.
- Wu, J. T. (Ed.), Amstead, L. K., Croy, D. A., Leffel, G. M., Martin, K. E., & Taylor, D. B. (2006). *Setting your sail: vocational life stories from Wesleyan faculty*. Monographs of Point Loma Nazarene University, 5.
- Tatum, M., Hardy, N., Testerman, L., Irwin-Chase, H., Johnson, J., & Wu, J (2006, April). *Effect of Learning Style Interventions on Course Satisfaction*. Poster session presented at the 86th Annual Western Psychological Association Convention, Palm Springs, CA.
- Testerman, L., Hardy, N., Tatum, M., Irwin-Chase, H., Johnson, J., & Wu, J. (2006, April). *Reliability and Validity of the VARK: A Learning Style Assessment*. Poster session presented at the 86th Annual Western Psychological Association Convention, Palm Springs, CA.
- Cooper, N., Crocker, N., Erselius, K., Lerma, A., Irwin-Chase, H., Wu, J., and Johnson, J. (2005, April). *Development of a brief course satisfaction measure*. Poster session presented at the Rocky Mountain Psychological Association Annual Conference, Phoenix, AZ.
- Wu, J. T., Young, L., Lowe, D., Malone-Colon, L., Nielsen, A., Parrott, L. (2003). *Teaching marriage classes to undergraduate students*. *Smart Marriage Conference Workshop*, Reno, NV.
- Manese, J. M., Wu, J. T., & Nepomuceno, C. A. (2001). The effect of training on multicultural counseling competencies: an exploratory study over a ten-year period. *Journal of Multicultural Counseling and Development*, 29, 31-40.
- Wu, J., Nepomuceno, C., & Manese, J. Examination of Asian American client data from a university counseling center. Poster session presented at the annual meeting of the Asian American Psychological Association. San Francisco, CA. 1998.
- Bempechat, J., Nakkula, M., Wu, J., & Ginsberg, H. (1996). Attributions as predictors of mathematics achievement: a comparative study. *Journal of Research and Development in Education*. 29(2), 53-59.

- Bempechat, J., Ginsberg, H., & Wu, J. *Achievement motivation among working class and middle class white children*. Poster session at the Biennial Conference of the Society of Research and Child Development. Kansas City, MO. 1989.
- Bempechat, J., Ginsberg, H., & Wu, J. *Achievement motivation in Cambodian refugee children: a comparative study*. Panel discussion at the Biennial Conference of the Society of Research and Child Development. Kansas City, MO. 1989.

Popular Publications

- Wu, J. T. and Wright, N. E. (2012). *Yoyo Dad 2: Dating Well in an Up and Down World*. Amazon.
- Wu, J. T. and Wright, N. E. (2011). *The Yoyo Dad's Journal: Raising Emotionally Healthy Kids in an Up and Down World*. Amazon.

Community Involvement

- Subject Matter Expert, Item Review Workshop. Board of Psychology, Sacramento, CA, 2008. Reviewed and edited questions for the California Psychology Supplemental Examination for California Psychology Licensure Exam.
- "My Therapist Sez" Premarital Panel Discussion, Skyline Church, La, Mesa, 2007. Panel speaker regarding premarital issues and topics. Also broadcast on KPRZ Living Water Radio Show.
- 2007 to present Sunday School Teacher, fourth and fifth grade, Rancho Bernardo Community Presbyterian Church
- Fall 2005 Coach of Yellow Sparks Soccer Team for five year old boys.
- Fall 2003-2005 Elected to School Site Council of Park Village Elementary School. Work to create the school's Single Plan for School Achievement document, and review budgets.
- February 2003 Led a six meeting workshop with my home family fellowship group of ten couples on the area of marriage enrichment.
- Summer 2002 Presented three workshops on building intimate relationships at the Chinese Evangelical Church of San Diego's annual retreat.

Church Involvement

- Currently attend the Chinese Evangelical Church.
- 1995-present Member of a Home Bible Study Fellowship that meets weekly for Bible Study, prayer, and fellowship.
- 1999-2004 Attended the Chinese Bible Church, in Carmel Mountain Ranch. This is a non-denominational, evangelical, English speaking Chinese American church. Started and coordinated POPS (Parents of Preschoolers) Home Fellowship Small Group.
- 2000-2001 Consulted to Pastor about psychological issues and consulted to small group leaders regarding small group dynamics. Substitute Sunday School teacher and substitute nursery worker. Chinese Bible Church, Carmel Mountain Ranch.
- 1996-1997 English Leadership Council of Cornerstone Christian Church in Del Mar. Taught Adult Sunday School.
- 1992-1994 Advisor to Branch College Fellowship, Boston Chinese Evangelical Church. Led discipleship groups, advised student leaders, addressed large group meetings.
- 1988-1990 Young adult fellowship leadership council. Boston Chinese Evangelical Church. Planned meetings, retreats, and led programs for this age group.
- 1983-1987 Director of Junior High Ministries, Evangelical Formosan Church, Orange County. Led Friday night and Sunday activities and lessons, planned retreats, disciplined students, and coordinated retreats for 30-40 7th and 8th grade students.

Personal Interests

- My deepest commitment is to my wife of nineteen years and two boys aged 15 and 13. My interests at this point of life largely involve interacting with them as much as possible.
- I enjoy running, basketball, photography, and the yoyo. In 2012 I completed the Superfrog Half Ironman Triathlon. In 2007 both my wife and I earned the Triple Crown Medal for completing three half marathons in San Diego.

- I enjoy electronic gadgets of all types, but especially Ipads.
- I love to read and love the fact that nearly everything I read relates to the field of Psychology in some way.
- Strengths Quest: Learner, Strategic, Achiever, Consistency, Connectedness